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THE new pharmacy which has just been opened by Mr. Wal Jones at 36 The Market, Palmer's Green, London, N., is t *dernier cri* in business premises for a chemist. A represen tive, who journeyed to Palmer's Green to see the new sh reports that it hears out all the rumours that had reached Cann Street as to its distinctiveness. Mr. Wallis Jones is one of t modern type of pharmacists, and is acquainted with all the for of pharmacy as practised in this country. He was apprenticed the late Octavius Corder, Norwich, and imbibed some of the lo of botany which characterised his master. Mr. Wallis Jo passed the Minor in 1905, and, as befitting the development a modern pharmacist, afterwards took up the subject of opti and obtained the diploma of the British Optical Associatio A man of this sort needs a pharmacy which expresses his aspi tions—the kind of pharmacy which was fitted up for him Messrs. Philip Josephs & Sons, Ltd., 93 Old Street, London, E. The photograph given here of the exterior was taken on the d of our representative's visit. It will be noticed that the sh front is of a new design, with recessed bay-windows, and the do in the centre. The work is carried out in mahogany, which gi the front a rich and distinctive appearance. One window is devot to optics and the other to pharmacy, both being lighted wi interior signs of oxidised steel, which serve the double purpose advertising and illuminating the contents of the windows. T windows are lined with oak parquetry; one has special fittin

adapted for the display of optical goods, and the other is fitt with glass shelving and bronzed fittings. The double door of a distinctive design, being fitted with small bevelled panes glass, which reflect the light and attract the attention of passer by. The doors, which have handsome brass fittings, close aut matically. The recessed pavement is of mosaic, with a cent medallion embodying Mr. Wallis Jones' name, address, an motto, "Purity ensured." The interior of the shop is 24 ft. b 18 ft., which gives plenty of space both in front and behind th counter. The serving-counter is on the right-hand side, and take the form of a modern "all-glass" with large perfume cases on eac side. The wall-fitting is lined with mirrors, which show up we the recess-labelled bottles and olive-green ointment jars. Th dispensing-screen is an "all-glass" one, with recessed centre case and the dispensing-counter behind is fitted up in a manne embodying several ingenious ideas. On the left of the shop is wall showcase well adapted for the display of stock. The chairs ar reproductions of old Chippendale, with ball feet, in dark mahogan and morocco. The colour scheme is in green and dark re Behind the pharmacy a full-length sight-testing room has bee fitted up, and is conveniently arranged for the purpose. There i also a commodious stock-room and telephone cabinet. Electri light is employed throughout. It is a pharmacy which should b seen by those who contemplate opening a business, or who ar interested in the development of business premises.

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Allen & Hanburys, Ltd.
British Drug Houses, Ltd., The
Burgoyne, Burbidges & Co.
Curling, Geo., Wyman & Co.
Hewlett, C. J., & Sons, Ltd.
Southall Bros. & Barclay, Ltd.
Wright, Layman & Umney, Ltd.

COUNTING AND FILLING MACHINE
Forgrove Machinery Co., Ltd.

COURT PLASTER
Solport Bros.

CREOSOTE
Baiss Bros. & Stevenson, Ltd.
Morson, T., & Son

CREPE BANDAGES
Gimber, W., & Son
Burge, Warren & Ridgley, Ltd.
Norwich Crepe Co. (1856), Ltd.
Wood, Vincent

CYANIDES
May & Baker, Ltd.

DAIRY SPECIALITIES
Fullwood, R. J., & Bland
Oldfield, Pattinson & Co.
Tomlinson & Hayward, Ltd.

DENTAL MECHANICS
Fentiman, A. G.
Fentiman, A. J., & Co.
Halder, E. C.
Templar Malins, Ltd.
Wardale, F. C., & Co.

DENTAL TOOLS, &c.
Edwards' Dental Mfg. Co., Ltd.

DENTIFRICES
Beecham, T.
Bell (John), Hills & Lucas, Ltd.
Beiersdorf, P., & Co.
Berliner, Arthur
Blackie, Robert
Calvert, F. C., & Co.
Christy, T., & Co.
Cook, E., & Co., Ltd.
Cox, Arthur H., & Co., Ltd.
Enoryl, Ltd.
Gibbs, D. & W., Ltd.
Hayden Coffin T. P.
Jewsbury & Brown
McKesson & Robbins
Maw, S., Son & Sons
Odol Chemical Works
Parke, Davis & Co.
Standard Tablet & Pill Co., Ltd.
Woolley, J., Sons & Co., Ltd.

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Evans Sons Lescher & Webb, Ltd.
Express Developing Co.
Johnson & Sons (Mfg. Chts).

DEXTRINE
Fink, F., & Co.

DIABETIC FOODS
Scott, R. M.
Van Abbott, G., & Sons

DIGESTIVE PRODUCTS
Fairchild Bros. & Foster

DISINFECTANTS
Baiss Bros. & Stevenson, Ltd.
Burt, Boulton & Haywood, Ltd.
Calvert, F. C., & Co.
Condy & Mitchell, Ltd.
Cook, E., & Co., Ltd.
Ellison, Henry, Ltd.
Sanitas Co., Ltd.
Stevenson, H. E., & Co.
Willows, Francis B. & T., Ltd.
Wright, Layman & Umney, Ltd.

DISINTEGRATORS
Hardy Patent Pick Co., Ltd.

DRUGGISTS' SUNDRIES
Ayrton, Saunders & Co., Ltd.
Barclay & Sons, Ltd.
Berliner, Arthur
Brook, Parker & Co., Ltd.
Brytstele Manfg. Co.
Burge, Warren & Ridgley, Ltd.
Bush, H. W., & Co., Ltd.
Edwards, W., & Son
Evans Sons Lescher & Webb, Ltd.
Hovenden, R., & Sons, Ltd.
Maw, S., Son & Sons
May, Roberts & Co., Ltd.
Newbery, F., & Sons, Ltd
Poths, H., & Co.
Quelch, H. C., & Co.
Sangers
Schutze, F., & Co., Ltd.
Solport Bros.
Southall Bros. & Barclay, Ltd
Swales, Thomas
Toogood, W., Ltd.
Watteubach, O.
Woolley, J., Sons & Co., Ltd.
Zinser, Alberto

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Burkett, Sharp & Co.
Gathergood's Exor.
Goodall, Backhouse & Co.
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Raimes & Co.
Schmitt & Wildenhayn
Zinser, Alberto

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Fulham Pottery and Chemical Filter Co., Ltd.

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Bronnley, H., & Co. Ltd.
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Farina, J. M. (No. 4)
Fiokus, Courtenay & Co.
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Schutze, F., & Co., Ltd.

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Birmingham & Midland College
Birmingham University
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Elt's College
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Liverpool School of Pharmacy
London College of Pharmacy
North of England School
Northern College of Pharmacy
Rance, Miss E.
South of England College
Westminster College

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Ayrton, Saunders & Co., Ltd.
Bishop, Alfred, Ltd.
Blyton, Astley & Co.
Bristol Myers Co.
British Drug Houses, Ltd., The
Cupal, Ltd.
Evans Sons Lescher & Webb, Ltd
Guest, Thos., & Co.
Kerfoot, Thos., & Co.
Lorimer-Marshall, Ltd.
Shirley Bros., Ltd.
Wright, Layman & Umney, Ltd
Wyleys, Ltd.

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Ayrton, Saunders & Co., Ltd.
Burge, Warren & Ridgley, Ltd.
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Maw, S., Son & Sons
Wood, Vincent

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Evans Sons Lescher & Webb, Ltd
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Ward & Goldstone
Wright, Archd. J., Ltd.

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Oakey, J., & Sons, Ltd.

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Whiffen & Sons, Ltd.

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Bennett, Sons & Shears, Ltd
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Wilkinson, S. W., & Co.

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Ayrton, Saunders & Co., Ltd.
Baiss Bros. & Stevenson, Ltd.
Blackie, Robert
Fanlding, F. H., & Co.
Parke, Davis & Co.
Scott & Bowne, Ltd.
Stevenson, H. E., & Co.
Wyleys, Ltd.

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Fletcher, Fletcher & Co., Ltd.

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Hardy Patent Pick Co., Ltd.

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Warne, W., & Co., Ltd.

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Howards & Sons, Ltd.
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Barnett & Foster
Boake Roberts, A., & Co., Ltd.
Bush, W. J., & Co., Ltd.
Hay, Wm., Ltd.
London Essence Co.
Sinalco Co.
Stevenson & Howell, Ltd.

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Duncan, Flockhart & Co.
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May & Baker, Ltd.
Tyrer, T., & Co., Ltd.
White, A., & Sons

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Allan, A. E.
British Drug Houses, Ltd., The
Stevenson, H. E., & Co.
Tasmanian Eucalyptus Oil Co.

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Hewlett, C. J., & Son, Ltd.
Parke, Davis & Co.
Ransom, W., & Son, Ltd.

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Ford, Shapland & Co.
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Fletcher, Fletcher & Co., Ltd.
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Patermann Bros.
Plasmon, Ltd.
Sister Lanras Infant Food Co.
Southall Bros. & Barclay, Ltd.
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Willowe, Francis B. & T., Ltd.
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Mumford, G. S., & Sons

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Sanitas Co., Ltd.

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Price's Patent Candle Co., Ltd.

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Merck, E.

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Perkin & Co., Ltd.

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Lindner, M.
Osborne, Garrett & Co.
Robare's Aureoline
Sangers
Tokalon, Ltd.

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Ward & Goldstone

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Thackeray Hotel

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Galen Manfg. Co., Ltd.
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Ichthyol Gesellschaft

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Potter & Clarke, Ltd.
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Burroughs Wellcome & Co.

LARD
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Ransom, W., & Son, Ltd.

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Vinolia Co., Ltd.

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Merck, E.

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Greenwich Lemonade Co.

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Goodall, Backhouse & Co.
Idris & Co., Ltd.

LINSEED, CRUSHED, &c.
Mumford, G. S., & Sons

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Maw, S., Son & Sons
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Vernon & Co., Ltd.

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Burgoyne, Burbidges & Co.
Drogueries & Huileries Anversoises, Ltd.
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Jackson, Ernest, & Co.
Mumford, G. S., & Sons
Solazzi

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Swales, Thomas

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Denoual, Jules, & Co.
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Jackson, Ernest, & Co.
Potter & Clarke, Ltd.
Raimes & Co.
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Wilkinson, S. W., & Co.

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Henry, T. & W.
Howards & Sons, Ltd.
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Tokalon, Ltd.
Washington Chemical Co., Ltd.
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Blackie, Ltd.
Boulton Macro, Ltd.
British Drug Houses, Ltd., The
Burroughs Wellcome & Co.
Calder, James, & Co., Ltd.
Corbyn, Stacey & Co., Ltd.
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Davies, Sons & Co.
Evans Sons Lescher & Webb,Ltd
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Paine & Co., Ltd.
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Patermann Bros.
Saccharin Corporation, Ltd.

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Ward & Goldstone

MENTHOL
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Nestlé's

MILK SUGAR
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Rueff, Julius

MUSTARD SEED OIL
Johnson, J. H. & S.

NAIL POLISH PAPER, &c.
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Burt, Boulton & Haywood, Ltd.

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Price's Patent Candle Co., Ltd

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Dodge & Olcott Co.
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Jakson, John, & Co.
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Lueders, George, & Co.
Poppelrenter, W.
Ransom, W., & Son, Ltd.
Schimmel & Co.
Stevenson & Howell, Ltd.
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OILS, MINERALS, FATTY, &c
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Price's Patent Candle Co., Ltd.
Stern Sonneborn Oil Co., Ltd.

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Burgess, E.
Mentholatum Co.
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OTTO ROSE (FRENCH)
Gattefossé et fils

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Lilywhite, Ltd.

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Cartwright, W. B., Ltd.
Corbyn, Stacey & Co., Ltd.
Cox, Arthur H., & Co., Ltd.
Christy, Thos., & Co.
Cupal, Ltd.
Curling, Geo., Wyman & Co.
Davies, Sons & Co.
Evans Sons Lescher & Webb,Ltd
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Toogood, W., Ltd.

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Blyton, Astley & Co.
Burroughs Wellcome & Co.
Evans Sons Lescher & Webb,Ltd
Guest, Thos., & Co
Kerfoot, Thomas, & Co.
Warrick Bros., Ltd.

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Raworth, John E.

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Blyton, Astley & Co.

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Dodge & Olcott Co.
Jakson, John, & Co.
Ransom, W., & Son, Ltd.

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Givaudan, L.
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Lueders, George, & Co.
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Schimmel & Co.
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Christy, T., & Co.
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Shirley Bros., Ltd.
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Tye, John, & Son

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Merck, E.

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Beiersdorf, P., & Co.
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Odol Chemical Works
Oppenheimer, Son & Co., Ltd.
Owbridge, W T., Ltd.
Phillips, Chas. H., Chem. Co.
Pneumosan Chemische-Fabrik
Primer, J.
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Sanalak, Ltd.
Sangers
Sargol Co.
Schimmel & Co.
Scott & Bowne, Ltd.
Squire & Sons, Ltd.
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Thompson & Capper, Ltd.
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Transatlantic Ex. and Imp. Co
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Wilcox, Jozeau & Co.
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Wright, Layman & Umney, Ltd.
Yanatas, Ltd.

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Solport Bros.

PUMPS
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Boehringer, C. F., & Soehne
Buchler & Co.
Carnegie Bros.
Corbyn, Stacey & Co., Ltd.
Howards & Sons, Ltd.

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Hopkin & Williams, Ltd.

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Haywood, J. H., Ltd.
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Maw, S., Son & Sons
Tompkins, J., Ltd.
Warne, W., & Co., Ltd.

RUBBER STAMPS
Richford, C. D

SACCHARIN
Saccharin Corporation, Ltd.

SANTONIN
Merck, E.
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SAPONIN
Field, C. W.

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Tidman & Son, Ltd.

SEED-DRESSING
Hawker, Arthur E.
Tomlinson & Hayward, Ltd.

SEEDS
Potter & Clarke, Ltd.

SERUMS AND ANTITOXINS
Allen & Hanburys, Ltd.
Burroughs Wellcome & Co
Evans Sons Lescher & Webb,Ltd
Parke, Davis & Co.
Schimmel & Co.
Wilcox, Jozeau & Co.

SHAMPOO POWDERS
Standard Tablet & Pill Co.,Ltd.

SHARES
McAdam & Tuckniss

SHEEP DIPS
Hart, Boulton & Haywood, Ltd.
Tomlinson & Hayward, Ltd.

SHOP FITTINGS
Ayrton-Graham, Ltd.
Cook, George
Evans Sons Lescher & Webb, Ltd
Edmonds, A. & Co., Ltd.
Farley & Co.
Grant, D.
Harris & Sheldon, Ltd.
Josephs, Philip, & Sons, Ltd.
Maw, S., Son & Sons
Mills, H.
Parnall & Sons
Rudduck & Co.
Sangers
Southall Bros. & Barclay, Ltd.

SHOULDER STRAPS
Wood, Vincent

SIGNS, ELECTRIC, &c.
Universal Sign Works

SILVERWARE TOILET GOODS
Scott, Adolph

SOAP-MAKING PLANT
Forshaw, E., & Son, Ltd.

SOAPS, TOILET, &c.
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Armour & Co., Ltd.
Bell (John), Hills & Lucas, Ltd.
Bronnley, H., & Co., Ltd.
Calvert, F. C., & Co.
Chesebrough Manfg. Co.
Christy, Thos., & Co.
Cook, E., & Co., Ltd.
Erasmic Co., Ltd.
Eucryl, Ltd.
Evans Sons Lescher & Webb, Ltd
Faulding, F. H., & Co.
Field, J. C. & J., Ltd.
Fulford, C. E., Ltd.
Gibbs, D. & W., Ltd.
Harrison, G. W.
Hovenden, R., & Sons, Ltd.
Lescol Perfumery Co.
McClinton's, Ltd.
Pears, A. & F., Ltd.
Price's Patent Candle Co., Ltd.
Providol Company
Resinol Chemical Co.
Wright, Layman & Umney, Ltd.

SODIUM BICARBONATE
Brunner, Mond & Co., Ltd.
Howards & Sons, Ltd.
Mumford, G. S., & Sons

SOOTHERS
Newbery, F., & Sons, Ltd.
Schutze, F., & Co., Ltd.

SPECTACLES
Darton, F., & Co.
Maw, S., Son & Sons
Nitsche & Gunther Opt. Co.,Ltd.

SPERMACETI
Price's Patent Candle Co., Ltd.

SPHYGMOMETERS
Hicks, James J.

SPICES
Goodall, Backhouse & Co.

SPIRIT OF WINE
Burrough, J., Ltd.
Calder, James, & Co., Ltd.
Preston's Liverpool Distillery Co., Ltd.

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Internl. Sponge Importers, Ltd.

SPRAYS
Benton & Stone, Ltd.
Burge, Warren & Ridgley, Ltd.
Christy, Thos., & Co.
Hovenden, R., & Sons, Ltd.
Marvel Company
Maw, S., Son & Sons
Parke, Davis & Co.
Sangers
Toogood, Wm., Ltd.

SPRINKLER CORKS
Betts & Co., Ltd.

SPRUCE BEER
Hobson, Joseph, & Son

STARCH
Corn Products Co., Ltd.
Mumford, G. S., & Sons

STILLS
Bennett, Sons & Shears, Ltd.
Forshaw, E., & Son, Ltd.
Stokes, F. J., Machine Co.

STOPPERS
Stipendum Stopper Co.

STRYCHNINE
Carnegie Bros.

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Berliner, Arthur
Burgoyne, Burbidges & Co.
Burroughs Wellcome & Co.
Carnegie Bros.
Dalmas, A. de St., & Co.
Davis, John Morgan, & Sons
Galen Manfg. Co., Ltd.
Gimher, W., & Son
Haynes, G., & Co.
Liverpool Lint Co.
Macfarlan, J. F., & Co.
Marvel Company
Mason Bros. & Chapman
Maw, S., Son & Sons
May, Roberts & Co., Ltd.
Quelch, H. C., & Co.
Reynolds & Branson, Ltd.
Robinson & Sons, Ltd.
Southall Bros. & Barclay, Ltd.
Van Horn & Sawtell
Vernon & Co., Ltd.
Warne, W., & Co., Ltd.
Wood, Vincent
Woolley, J., Sons & Co., Ltd.

SUSPENSORY BANDAGES
Bailey, W. H., & Son

SYPHONS
Barnett & Foster
Camwal, Ltd.
Idris & Co., Ltd.
Pure Aeration Supply, Ltd.
Sharman's Pat. Syphon Co.,Ltd.

SYRINGES
Bush, H. W., & Co., Ltd.

SYRUPS, MEDICINAL
Fellows' Med. Mnfg. Co.
Sinalco Co.

TABLET MACHINERY
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Bennett, Sons & Shears, Ltd.
Thompson & Capper, Ltd.
Wilkinson, S. W., & Co.

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Burroughs Wellcome & Co.

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Blyton, Astley & Co.
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Cartwright, W. B., Ltd.
Cox, A. H., & Co., Ltd.
Davies, Sons & Co.
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Howards & Sons, Ltd.
Jackson, Ernest, & Co.
Johnson & Sons (Mfg. Chts.).
Lloyd, H., & Co., Ltd.
Parke, Davis & Co.
Standard Tablet & Pill Co.,Ltd.
Thompson & Capper, Ltd.
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TARTARIC ACID
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Blackie, Robert
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Burroughs Wellcome & Co.
Chesebrough Mnfg. Co.
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Cox, Arthur H., & Co., Ltd
Cuxson, Gerrard & Co., Ltd.
Daisy, Ltd.
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Erasmic Co., Ltd.
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Fulford, C. E., Ltd.
Gibbs, D. & W., Ltd.
Harker, C. R., Stagg & Morgan.
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Prichard & Constance, Ltd.
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Quelch, H. C., & Co.
Roberts & Co.
Sangers
Shirley Bros., Ltd.
Softo Manfg. Co.
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Maw, S., Son & Sons
Sangers
Schutze, F., & Co., Ltd.
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Wood, Vincent
Woolley, J., Sons & Co., Ltd.

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Thermos, Ltd.
Read & Campbell, Ltd.

VACUUM PANS
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Danysz Virus, Ltd.
Evans Sons Lescher & Webb, Ltd
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Harrison, G. W.
Hawker, Arthur E.
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Milner's Chemical Co.
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VINEGAR
Grimble & Co.

WATER GLASS
Barclay & Sons, Ltd.
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WATER STILL
Brown & Sons
Stokes, F. J., Machine Co.

WATERS, CONCENTRATED
Robinson, B., & Co., Ltd.

WAXES
Price's Pat. Candle Co., Ltd.

WEED KILLERS
Harrison, G. W.
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WINDOW FITTINGS
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WINDOW TICKETS
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WINES
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WINES, MEDICATED
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Burroughs Wellcome & Co.
Coleman & Co., Ltd.
Fletcher, Fletcher & Co., Ltd.
Idris & Co., Ltd.
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ZINC SULPHIDE SCREENS
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TELEGRAMS:
"OPIUM MANCHESTER."

A RELIABLE HOUSE FOR
All Pharmaceutical Preparations.
CONCENTRATED WATERS
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B.P. Tincture. **OPIUM** Aqueous Tincture.

Syr. Glycerophosph. Co.

LIQUID EXTRACTS
LEVIGATED OINTMENTS
ESSENTIAL OILS.

"Silver Churn" Dairy Specialities.

Special Prices to Large Buyers. **Write for List.**

MANCHESTER.

WINCARNIS

with Quinine

Requires NO license

when sold by Registered Chemists and Druggists.

The Excise Authorities and the Law say so!

On Saturday, July 4, 1914, the Recorder at the Bradford Quarter Sessions ***ALLOWED AN APPEAL*** by Mr. Oliver Hobson, manager to Messrs. Savage & Co., Ltd., Chemists, of 658 Manchester Road, Bradford, against the decision of the Bradford Justices who had previously fined Mr. Hobson £3, and costs, for selling Wincarnis with Quinine without a wine license. In allowing the appeal, with costs, the Recorder said that **the conviction was wrong.**

It is, therefore, an established fact that

NO LICENSE IS REQUIRED

to sell

WINCARNIS with QUININE

HOW IS YOUR STOCK?

COLEMAN & CO., Ltd., Wincarnis Works, NORWICH

'PAREX' PAGEANT STARTS AUG. 22.

S. MAW, SON & SONS
7 to 12, ALDERSGATE ST.
LONDON, E.C.

Maw's Page.

No. 146. AUG. 1, 1914.

A 'PAREX' HOLIDAY LINE.

A NEW SOOTHER

One of the best selling soothers at the moment is our No. 179 pattern. It is quite new, and retails at such a moderate price that the demand is increasing daily.

ABOUT OUR NO. 179

"No. 179" consists of an air-filled transparent rubber teat and a beautifully polished aluminium ring, while the shield measures 1¼ inches, a truly handsome size. These Soothers are put up on cards of three dozen, and cost 15/6 per gross. They easily sell at 3d. each, which means over a sovereign in the retailer's pocket! Remember the number: 179.

NOTES & NEWS

OUR Holiday Number of last week in the Summer "C. & D.," p. 13, offers many ideas for the increase of Pharmacy custom.

* * *

HERE are some cheap lines in Pewter and Glass Glycerine Syringes:—1 dram, 7/-; 2 drams, 8/6; ½ oz., 9/6; 1 oz., 15/- per doz.

* * *

DON'T order Rubber Water Bottles before seeing our 'Parex' prices.

FOR TRAVELLING

We have introduced a useful Travelling Douche made in black japanned tin. It is fitted with six feet of red tubing, glass vaginal and rectal pipes and pinchcock. Capacity two quarts, and very strongly made. Our price is 3/6 each, an exceptionally low price.

DOUCHES AND SYRINGES

Another travelling line is our Syringe in plain white celluloid case. The Syringe fits perfectly, the top of piston acting as stopper. Fitted with either hard vulcanite or soft rubber nozzles, suitable for ear, nose, and urethra. Price 10/6 dozen.

'PAREX' REG.D and the Art of Shaving

HERE is a new Safety Razor of super quality specially made for a good class trade.

This Razor is made in two varieties. In one, all the parts, including the case for spare blades, are heavily gold plated. In the other, the parts are triple silver plated. The silver-plated Razor, however, is equipped with a leather purse for holding the spare blades. The handles are somewhat different in pattern from those usually supplied. They are made in heavy metal, and will be found a more convenient shape to hold when shaving.

Chemists who have a connection among good class customers ought to be able to dispose of a fair quantity during the present holiday season. As we have stated, these are not cheap Razors, and it would be useless to make a competitive line of them. They should bear a good profit. Remember they are real gold and silver-plated. This gives a finish and colour which can never be attained with gilded and nickel-plated metal.

BRITISH MADE THROUGHOUT.

Prices:

Silver-plated	...	7/- each.
Gold-plated	...	8/3 ,,

Each with six finest quality blades.

Spare blades 2/- per dozen.

The Hannah Case

The nett results of the Hannah Case just concluded before the Judicial Committee of the Privy Council are as follows:—

1st. The confusion of the Courts in the matter of Medical, Dental and Pharmacy practice has been dispelled.

2nd. The principle of equality, or, in other words, equal opportunity, of the various special Medical, Dental and Pharmacy callings has been incontestably demonstrated; that is, that a practitioner is known by his degree or diploma, that there is no law extant which defines the functions of the various callings, and that each practitioner performs whatever act is necessary to his calling at his option.

3rd. The Medical Trust or monopoly established in South Africa has been smashed for ever.

4th. By clearly defining the fundamental principles of Medical, Dental and Pharmacy practice, the South African Government has been enabled to pass correct and sound legislation on the subject this session.

5th. The clear definition of the fundamental principles guiding Medical, Dental and Pharmacy practice must of necessity establish the status of each person practising any of the various callings in every portion of the British Empire.

The interpretation of Section 39 of Ordinance 29, 1904, of the Transvaal by the Judicial Committee of the Privy Council was as follows:—

"Any person who shall wilfully and falsely pretend to be, or take or use the name or title of a physician, doctor of medicine, licentiate in medicine or surgery, bachelor of medicine, doctor, surgeon, general medical practitioner, or apothecary, or dentist, or chemist, or druggist, or any name, title, addition, or description implying, or calculated to lead people to infer, that he is registered under this Ordinance, or that he is duly qualified to practise as a physician, doctor of medicine, or surgeon, or licentiate in medicine and surgery, bachelor of medicine, doctor, general medical practitioner, or apothecary, or dentist, or chemist, or druggist; and any person who shall practise or shall do anything or perform such acts as specially belong to the calling of a medical practitioner, dentist, or chemist or druggist respectively, without such registration as aforesaid, shall be liable to a fine not exceeding £100 for each offence, and in default of payment he shall be liable to imprisonment, with or without hard labour, for a period not exceeding six months, unless such fine be sooner paid."

The Lord Chancellor: "But the section is in two parts dealing with two separate and distinct offences."

In the test case (Greene *v.* Rex) it was held to cover three offences. The Judicial Committee of the Privy Council holds that it covers two offences. Mr. Hannah holds that it covers one offence only, namely, fraudulent practice.

GIBBS'S SPECIALISED TWOPENNY SOAPS.

PERFUMED OLIVE OIL SOAP
BORACIC COLOGNE SOAP -
BORACIC OATMEAL SOAP -
at **18/-** per gross.

10% discount on 3 gross quantities.

SPLENDID SHOWCARDS.

SEND A POSTCARD FOR SAMPLES & PARTICULARS.

THE COMING THING IS

Gibbs's Dentifrice

Thousands of samples have been distributed throughout the country in connection with our advertising campaign during the last few weeks. It is most important, therefore, that you should hold good stock to anticipate the demand.

Free samples of this Dentifrice for distribution will be supplied on application.

D. & W. GIBBS, LTD.

CITY SOAP WORKS, LONDON, E.

Attractive Showcard available.

PRICE'S BORACIC-LANOLINE SOAP

Eminently suitable for Summer Use.

Shows a good profit when retailed at 2d. per tablet.

Price List on Application.

PRICE'S PATENT CANDLE COMPANY, LIMITED,
Battersea, London, S.W.,

and at

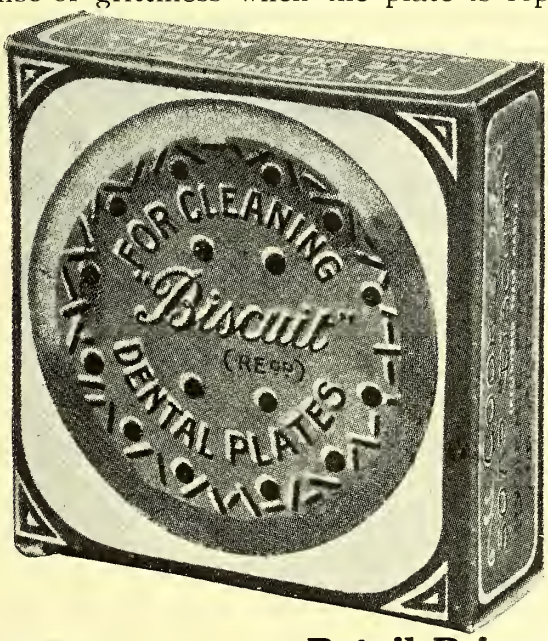
Liverpool, Manchester, Glasgow.

IMPORTANT !

ARTIFICIAL TEETH are a constant danger to health if the plate on which they rest is not kept clean and free from particles of decomposing food.

A fig pip or a splinter of crust will cause acute discomfort, and for that reason the intruder is soon removed. But, as it does not hurt, a film of soft organic matter may rest for a long time in one of the many little cavities in the plate—especially near the teeth—and become a veritable breeding-ground for harmful bacilli. This may be so, although you clean the plate with regularity, if you are not using the right material for the purpose. For instance, some people use ordinary tooth powder, which, being soft, goes over the top but does not "lift" the food from the cavities. Others use ordinary pumice wafer, a better cleanser perhaps but a crude remedy, scratching the enamel of the teeth and leaving a sense of grittiness when the plate is replaced in the mouth.

This has been specially prepared for Artificial Dentures.



It is a Hygienic, Cleaning and Polishing Soap, most simple and pleasant to use.

4/- per dozen. **Retail Price 6d. each.**

WRITE FOR PARTICULARS OF SPECIAL BONUS OFFER.

EDWARD COOK & CO., Ltd., Soap Makers by Appointment to H.M. THE KING, **LONDON, E.**

BAGAROFF FRÈRES & CO.

PHILIPPOPOLI (BULGARIA)

DISTILLERS OF

OTTO *of* ROSE

RELIABLE, PURE, GENUINE.

Full Particulars with Samples of the new Crop from

A. & M. ZIMMERMANN,

3 LLOYD'S AVENUE, LONDON, E.C.

GOOD BUSINESS means that the rate of profit should be proportionable to the trouble taken to sell the goods.

JEWSBURY & BROWN'S

ORIENTAL

TOOTH POWDER,

6d. and 1/-

Bears a Good Rate of Profit and SELLS ITSELF.

JEWSBURY & BROWN, Ardwick Green, MANCHESTER.

8

HEALTH SALINE

In Patent Airtight Tins, which fill from the bottom.

ADVANTAGES:

Bad stock avoided, as Saline can be kept from season to season without deteriorating.

Satisfaction to Consumers.

For export these Tins are indispensable, as Saline can now be shipped without any risk.

X286.

X286 design, 4 oz., **2/9** doz.
X286L ,, 8 oz., **4/6** ,,
X41P Fruit design, 4 oz. **2/9** doz.
X41/SP ,, ,, (shorter), 3 oz., **2/3** doz.
X356 "St. George & Dragon," 4 oz. **2/9** doz.

Special designs produced for large buyers. Quotations on application.

☛ By selling these tins of Saline you will double your trade.

Ordinary lever lid Tins supplied if wanted.

HYGEIA SALT

In square round-cornered tins with ordinary lever lid, very smart decoration, **2/9** doz.

Saline packed in Cheltenhams; 6 oz., **4/6** doz., 8 oz. **5/6** doz.

Also sold in bulk; price on application.

Shirley Brothers, Ltd.
"Whitecross Works," London, S.E.

ON THE P.A.T.A.

"PROVIDOL" SOAP

WINDOW DISPLAY COMPETITION

CASH PRIZES **104** CASH PRIZES

First Prize - £50
Second „ - £25
Third „ - £10

Fourth Prize - £5
& One Hundred Consolation Prizes £1. 1. 0

GUARANTEED 50% to 65% NET PROFIT ON THE TURNOVER.

To Chemists, their Assistants & Families.

£2. 2. 0 cash will be given to the competitor who in our opinion supplies the happiest phrase commencing—"But 'Providol'"

"Disease is the shadow that clouds the life of man"—*Vanoc.*
"But 'Providol'——————————————

TWO CONSOLATION PRIZES, 10/6 EACH.

Applications must be sent in not later than September 30 next, with a wrapper of "Providol" Soap.

Full Particulars of—

W. BONSER HAYWARD, 17 LAWRENCE LANE, E.C.

Telegrams: "BONSERAYAR, CENT, LONDON." *Telephone: BANK 8507.*

Send to ELEY for these!

ELEY BROS. Ltd., possess facilities second to none for the manufacture of Silver- and Nickel-Plated Brass Boxes for Shaving Sticks, and Aluminium Boxes for Dentifrice, Soaps, etc; also Oval and Round Tops for "Talco" and other Powder Tins, Caps, and Dredgers for Toilet and other Powders.

SOLID DRAWN TUBES, SMALL BRASS AND ALUMINIUM STAMPINGS.

ELEY BROS. Ltd., are large manufacturers of this class of goods to the wholesale trade. Prompt attention given to all inquiries, prices on application.

Address all inquiries for these goods to Dept. 21—
ELEY BROTHERS LIMITED,
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BIRMINGHAM: 29 and 30 Whittall Street.
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LIEGE (Belgium): 107 Rue Louvrex.
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Canadian Branch—
ELEY BROS. (CANADA) LTD., North Transoona, Man.

PARNALL & SONS

are SPECIALISTS in

SHOP FRONTS, SHOWCASES, DISPENSING SCREENS, COUNTERS, &c.

NARROW WINE ST., BRISTOL

{ CATALOGUES ON APPLICATION TO }

MANSION HOUSE CHAMBERS, QUEEN VICTORIA STREET, LONDON, E.C.

Please Try Our DISPENSING BOTTLES & PHIALS.

We send six gross assorted or otherwise, carriage paid, to any address in the United Kingdom. Smaller quantities not carriage paid.

REDUCED PRICES.

Clear Blue Tinted.—Good Quality.

3 & 4	6 & 8	12	16 ozs.	Plain or graduated, round edges.
8/-	**9/-**	**13/-**	**18/-**	per gross.

Clear Blue Tinted. Best Quality. QUININE.

3 & 4	6 & 8	12	16 ozs.	Plain or graduated, round edges.
10/-	**11/-**	**16/-**	**20/-**	per gross.

CHEAP BOTTLES for Dispensing.

3 & 4	6	8 ozs.	Plain or graduated, round edges.
7/-	**8/3**	**8/6**	per gross.

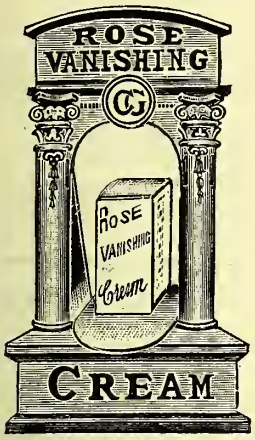
WHITE PHIALS—GOOD QUALITY.

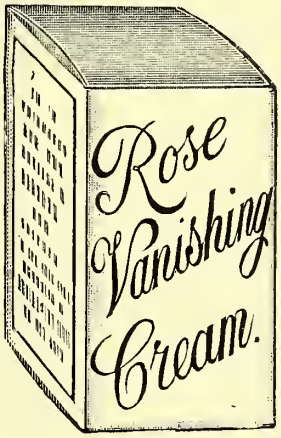
½	1	1½	2 ozs.	Plain or teaspoons.
4/-	**4/6**	**4/9**	**5/3**	per gross.

I. ISAACS & CO.,
106 MIDLAND ROAD, ST. PANCRAS, LONDON, N.W.,
or ISLINGTON BOTTLE COMPANY, 7 New Inn Yard, Tottenham Court Road, London, W.
Orders sent to either establishment have attention.
Established 100 Years.

CUXSON, GERRARD & CO. LTD.

OLDBURY.



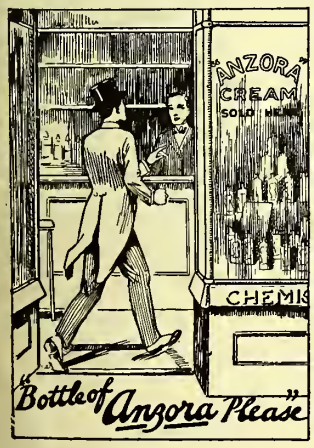


A SPLENDID SUMMER LINE RETAILING AT 1/- 5/6 PER DOZ.

WRITE NOW for our NEW PRICE LIST of Specialities, Sundries, and Surgical Dressings.

"A Bottle of Anzora, Please!"

If you have not already had this demand you shortly will have, for "Anzora Cream" is being extensively advertised both in the Press and on the Railways—every day thousands of prospective buyers see these advertisements and are influenced to buy.



Be prepared to meet these buyers. Stock "Anzora" now, it will mean extra and remunerative business for you, for "Anzora" is on the P.A.T.A. and ensures

80 % Protected Profit for the Retailer

when purchased in lots of 3 doz. and upwards.

Trade Terms:

Per doz.	Retailed at
11/6	**18/-**
19/6	**30/-**

We give 10 % discount on orders of 3 dozen or more.

ORDER A SUPPLY TO-DAY from your usual Wholesaler and send a card to us for Showcards.

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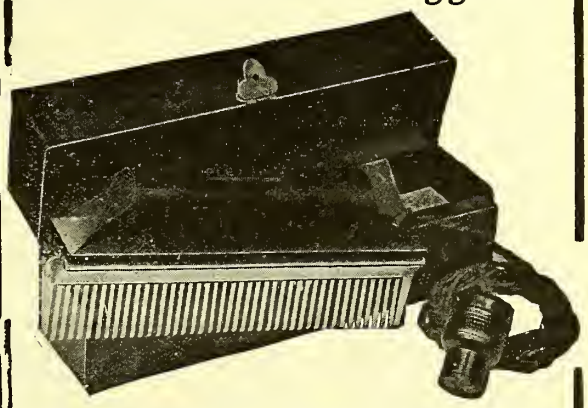

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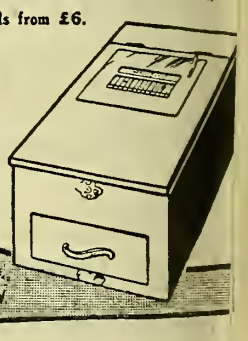

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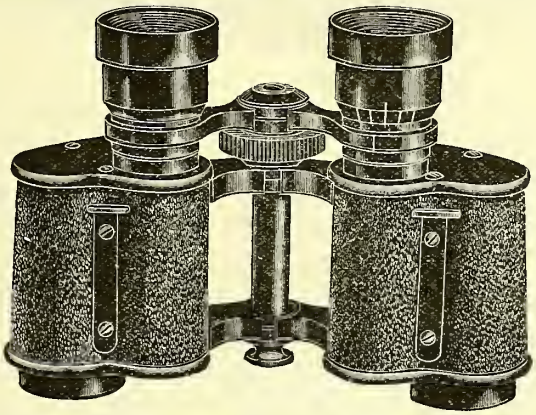

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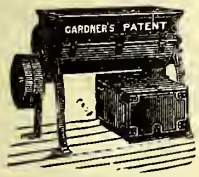

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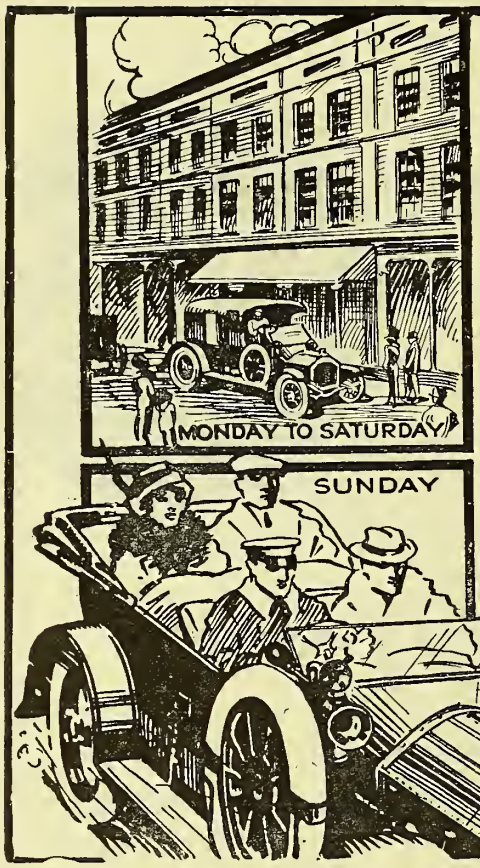

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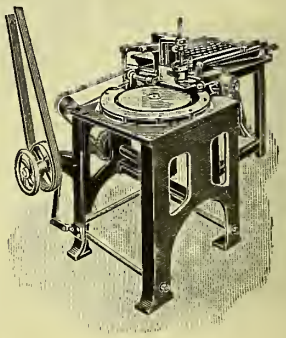

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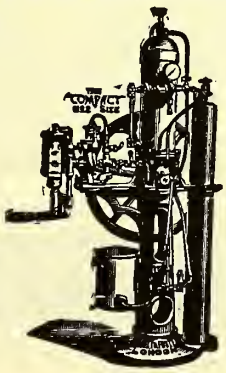

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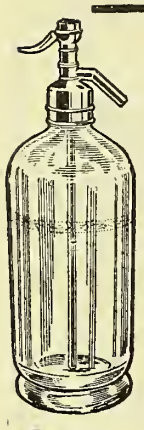

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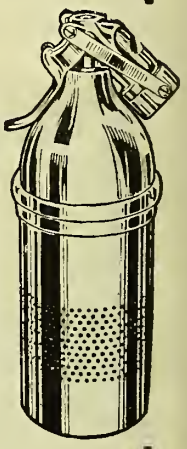

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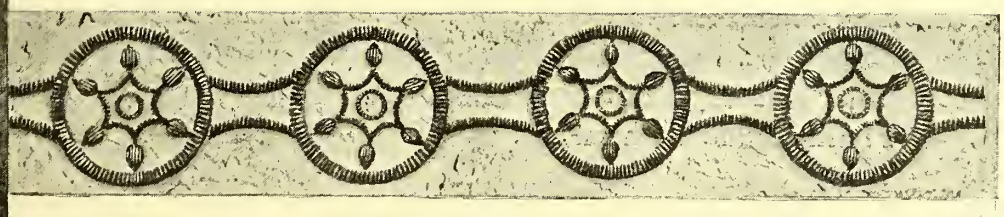

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Coloured Supplement.

Canadian News.
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Our American Letter.
Wills.

THE EDUCATIONAL SPECIAL.

An exceptional interest attaches to this year's Educational Number of THE CHEMIST AND DRUGGIST, for, besides the usual complete and comprehensive information, it will contain a careful epitome and review of the

New British Pharmacopoeia.

Not only will the Educational Number be eagerly studied, therefore, by all connected with pharmaceutical, medical, and scientific education, but it will be invaluable for reference for commercial purposes. This lends added value to its advertising pages, and the Publisher is booking space now. Send him your instructions at once, for the publication date is

August 15, 1914.

SUMMARY.

Subscribers are advised to read this column first.

Postcard Competition.

We offer copies of the new edition of "Pharmaceutical Formulas" for the best answer to the three questions about B.P.C. papers printed in our Summer Issue, July 25, p. 110. We shall receive postcard replies up to Tuesday, August 4.

Articles and Communications.

The topics which "Xrayser II." finds congenial this week are our Summer Issue and the British Pharmaceutical Conference meeting (p. 47).

The immediate effect of the war between Austria-Hungary and Servia has been to put up the prices of acetic acid, acetates, acetone, carbolic acid, and a few other staples (p. 48).

We deal fully with the Exhibition of the British Medical Association, which was opened in Aberdeen on Tuesday, where the annual meeting of the Association is now being held (pp. 53-54).

Dr. McWalter asks why at the Chester dinner, when representatives of pharmacy from various parts of the British Empire were present, all were ignored in the Pharmaceutical Society toast except Great Britain (p. 62).

We call attention to some points in the Medicine Stamp Acts of special interest to manufacturers and wholesalers, which have been made prominent by London prosecutions (p. 44) and by the Select Committee on Patent and Proprietary Medicines (p. 49).

We deal editorially with the condition of Insurance Medical Benefit in London consequent upon the threatened discounting of chemists' accounts, and the action of Committees and Sub-Committees which are not agreed as to how to deal with the matter (p. 49).

In Conference Gleanings we include a large number of photographs taken during the meeting of the British Pharmaceutical Conference at Chester last week. They are printed in the first five pages following (pp. 34-38), and in a description of the golf-match on p. 52.

News of the Week.

More Irish examination results are given on p. 40.

Judgment has been reserved in the Crookes's Collosols case (p. 44).

Besides the Poor-law notes on p. 39, we call attention to one on p. 50.

The 15,000 chemists' assistants in France want legal recognition (p. 42).

The South African Medical and Dental Bill has been dropped (p. 42).

Middlesex drug supplies are reported on by Mr. Bevan, the public analyst (p. 39).

Two Southport pharmacies offered in auction have been purchased by Boots, Ltd. (p. 39).

Mr. Stevens, the consumption-cure maker, lost his case against the British Medical Association (p. 43).

Further information in regard to the French Synthetic Camphor Co. is given by our Paris correspondent (p. 42).

Use of the Prince of Wales's feathers as a trade-mark is objected to by the Royal Warrant Holders' Association (p. 43).

The London Insurance Committee did not adopt the recommendation of the Drugs and Appliances Sub-Committee for a list of prohibited proprietaries (p. 57). We comment upon the situation in an article on p. 49.

Trade and Market Matters.

Business in the produce-markets shows an all-round shrinkage, and a feeling of acute depression has prevailed owing to the war between Austria and Servia. The few changes include a further advance in citric acid, thymol, and distilled lime oil; linseed and palm oils are dearer. Carbolic acid is advancing. Lemon oil, new senega, copper sulphate, American peppermint oil, shellac, and turpentine are more or less cheaper (p. 59).

B

Conference Gleanings.

The Chester meeting of the British Pharmaceutical Conference was in every respect a success. We now supplement our reports of the social and other proceedings.

In our report last week of the discussion in the Practice Section (p. 188), we wrongly attributed to Mr. Harper remarks which were made by Mr. A. E. Hobbs (Tunbridge Wells). In the second column of p. 190 the name of Mr. H. E. Boorne (Bristol) has been corrupted to "Bowen." Mr. Jas. Grier, M.Sc., Manchester, writes in regard to his remarks at the meeting of the Practice Section (p. 192), the conclusion of which he expands as follows: "There should be no need to go outside pharmacy for a living, even with a degree in pharmacy, although a development into the strictly scientific German apotheker was not necessary or even desirable." In the list of those who attended the Conference (p. 195), for Mr. Hemmings read Mr. C. R. Hennings

* * *

In our Summer Issue we mentioned that Mr. W. P. Evans (Liverpool) was on the Local Committee and was a steward. He was prevented, however, from being present at any of the meetings owing to the critical illness of his wife, who has since died.

* * *

The following is the list of books presented from the Bell & Hills Fund to the Chester Chemists' Association, to which reference was made last week (p. 193): Watts's "Dictionary of Chemistry" (four volumes); Huxley's works (twelve volumes); Whetham's "Recent Developments in Physical Science"; Thorpe's "Essays in Historical Chemistry"; Glyn-Jones's "Poison and Pharmacy Laws"; "Homœopathic Vade Mecum"; Faraday's Life; Franklin's Life; Darwin's Life; Wootton's "Chronicles of Pharmacy"; and a set of the "Year-book of Pharmacy."

* * *

The afternoon excursion on July 22 to Eaton Hall was favoured by beautiful weather. Four steamers were required to convey the party to Eccleston Ferry. The Duke of Westminster was in residence, but through the good offices of a member of the Local Committee the members of the Conference were given facilities not usually available to the public when the family is at home. The Duke of Westminster was seen returning from tennis, and his little daughter, Lady Ursula, with Katherine Duchess of Westminster mingled with the party, the Duchess consenting to remain in the official photographic group while it was being taken.

The smoking-concert which was held in the ballroom of the Grosvenor Hotel, Chester, on July 22, was both high-class and enjoyable. Mr. W. J. Uglow Woolcock, Secretary of the Pharmaceutical Society, was in the chair, and was supported on the platform by many of the officials of the Conference and the Local Committee. The concert was noticeable on account of the large number of chemists and others connected with the drug-trade who contributed to the programme. Mr. W. J. Talintyre ("the pharmaceutical Paderewski") played the overture, Mrs. Wellesley Douglas sang, Mr. Wellesley Douglas played the violin, Mr. R. H. Benson (the Assistant Secretary) gave a character-sketch entitled "A Penny Showman," and Mr. F. W. Crossley-Holland's contribution was "Historical Notes on Chester." An excellent conjuring turn was given by Mr. W. F. Gilbert ("The King of Magic"), Mr. W. H. Hallmark told droll stories, and Mr. Charles James (of Chester Cathedral) sang baritone songs. The concert was voted a triumphant success.

* * *

Thursday's excursion, which was referred to briefly last week in the Coloured Supplement, and which has been fully described in previous issues, was favoured by the elements, the showers which occurred in the morning and evening being while the party were entrained. The writer, who joined the band of pedestrians who walked the three miles from the light railway at Glyn to Llangollen, echoes the opinion of the rest of the party that this was a most enjoyable walk. The last mile was rather a rapid descent, but as the sun was clouded there was no inconvenience from heat. The party that was being conveyed from Chirk by canal boats did not arrive till 1.30 P.M., when luncheon was at once served in a large marquee by the riverside. The President and the Chairman of the Local Committee, after luncheon, made various announcements of losses and finds and regarding the afternoon arrangements. By canal boats the party then went to Valle Crucis Abbey, where Mr. Frank Simpson, F.S.A., described the various points of interest, and the President called attention to a very fine specimen of belladonna in the Lady Chapel. Some of the party visited Eliseg's Pillar close by, and all rejoined the boats for the Chain Bridge, where refreshing beverages were the order of the day. Then came the return journey to Llangollen, with tea in the marquee, and finally, just as rain began to fall, the train which was taking the party back to Chester steamed out of the station. The weather had, however, cleared up before Chester was reached.

[*Photo. Cleworth.*

No. 29.—Mr. J. H. Hopley

setting out in a motor from the Grosvenor Hotel, Chester, to Llangollen to see that everything was in readiness for the Conference party. The Pipe and the Man are in the rear corner.

[*Photo. Cleworth.*

No. 23.—Boats leaving Chirk for Llangollen by the Canal Route.

Mr. J. H. Hopley is standing in the foreground and Mr. John Simon at the stern of the boat.

* * *

Our information in regard to Mr. David Dickinson, of the Hoole Pharmacy, Chester, was incomplete. Mr. Dickinson has two sons in pharmacy—namely, Mr. David Thomason Dickinson at Birmingham who qualified in 1905, and Mr. Kenneth Shallcross Dickinson, Ph.C., who passed the Major examination last month, and is now associated with his father in business, and was formerly lecturer in botany at the Northern College of Pharmacy, Manchester—not the Leeds College as stated last week.

No. 20.—A Presidential Group.
Left to right: (Standing) Messrs. T. H. W. Idris, T. Tyrer, C. Symes, Ph.D., E. H. Farr, E. S. Peck, W. F. Wells, and Sir Edward Evans; (Sitting) Mrs. Farr, Mrs. Idris, and Mrs. Peck.

No. 30.—Mr. D. Lloyd Howard (Hon. Treasurer) and Mr. W. A. H. Naylor (Past President).

The Conference Group,
taken after tea at Eaton Hall on Wednesday, July 22, by *Chidley, photographer, Chester.* The original photograph measures 11½ in. by 7½ in.

No. 13.—At St. John's Ruins, Chester.
Mr. Frank Simpson, F.S.A., indicating points of interest.

No. 26.—In Valle Crucis Abbey.
Left to right: Mr. Edward Parker (Scarborough), Mr. E. S. Peck, and Mr. Geo. Whitfield (Scarborough).

The numbered photographs are by J. Cleworth.

Mr. W. H. Saunders (Liverpool) was accompanied at the meeting by Mrs. Saunders. Mr. W. G. Saunders was also present, as well as Mr. and Mrs. Huxtable.

* * *

On the evening of Thursday another smoking-concert was held in the Grosvenor Hotel. It was on similar lines to the

[*Photo. Cleworth.*

No. 14.—Canon Smith
pointing out the beauties of the ruins of St. John's to the Conference visitors on Wednesday, July 22.

one held on the previous evening, but, although many of those who contributed to the concert had appeared on the other programme, there were several new "turns." Mr. H. M. Ashton (Warrington) gave the company a taste of his histrionic skill, which has often been referred to in The Chemist and Druggist; Miss Webster sang exquisitely "The Little Grey Home in the West," and Mr. Gilbert performed some entirely new tricks of sleight-of-hand even more mysterious than on the previous evening. Mr. and Mrs. Wellesley Douglas contributed songs and violin solos, and

[*Photo. Cleworth.*

No. 10.—Mr. Feaver Clarke bowling.
On his left are Mr. J. H. Franklin (Manchester) and Mr. H. E Boorne (Bristol). On the right are two local bowlers.

Mr. Crossley-Holland told us of the "Lost Drink," the recipe for which Mr. W. F. J. Shepheard had mislaid, but which the singer hoped again to receive some day from "An Angel Chemist." During the concert presentations were made to Mr. W. F. J. Shepheard (Chairman of the Local Committee), Mr. J. H. Hopley (Vice-Chairman), and Mr. R. Cecil Owen (Secretary) by Mr. E. H. Farr on behalf of the members attending the Conference. These took the form of sealed envelopes containing money with which to purchase inscribed souvenirs of the Chester Conference. The modesty of the speeches of acknowledgment was most noticeable, but every one of the audience held the opinion that such feats of successful organisation should be remembered in a tangible manner.

* * *

It may be stated here that, late as was the hour at which the smoking-concerts finished, this did not prevent small companies of members prolonging the proceedings in the smoke-rooms of the hotels until the early hours of the next mornings. The writer has especially in mind a *Nachsitzung* (as the late Dr. Lewkowitsch designated similar meetings in connection with the Chemical Society and the Society of Chemical Industry) which took place at the Blossoms Hotel by invitation of the members staying at that hostelry. Mr. T. O. Barlow presided over a company of twenty, which included the President, Past Presidents, the Chairman of the Local Committee, and representatives of pharmacy from various parts of the United Kingdom and the Overseas Possessions. Mr. E. T. Brewis (London) was in the vice-chair. The speeches went on till nearly 2 a.m., and the cordiality of the meeting has left pleasant impressions with all who attended it.

* * *

Friday, the "extra day" of the Conference, was devoted to golf and a visit to Port Sunlight. It had been arranged, however, that Mr. Frank Simpson, F.S.A., would take a

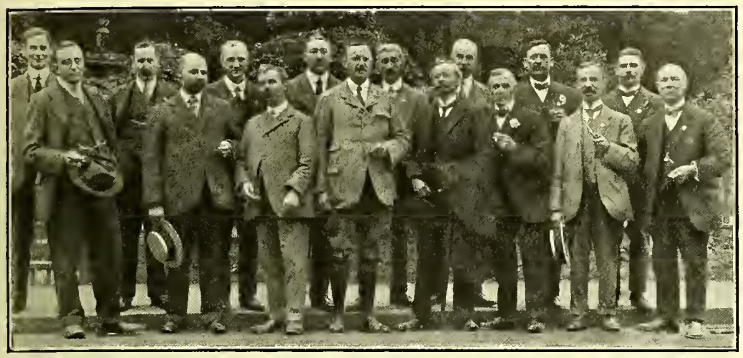
[*Photo. Cecil Owen.*

Conference Men
going round the walls of Chester on Friday, July 24, with Mr. F. Simpson as guide.

party round the city walls. About twenty availed themselves of this opportunity for expert guidance, and it is certain that all profited from the study of Chester on the spot, much of the information being supplemental to that contained in the *C. & D.* "Handbook to Chester."

* * *

The visit to the great soapworks of Lever Bros., Ltd., at Port Sunlight, took up the afternoon of July 24. Some hundred and thirty persons entrained at 1 p.m. in reserved saloons at the General Station. Bebington was reached in about thirty-five minutes—Bebington being the nearest station to Port Sunlight—and here waggonettes were waiting to convey the party to the works. A route at once devious and picturesque was taken, so as to include every building of interest in the celebrated garden city. One noted especially Christ Church, a handsome Gothic structure, and Hulme Hall, also a handsome building, the latter built at a cost of 15,000*l*. In Hulme Hall is housed a valuable collection of art treasures—pictures, old furniture, Oriental china, Wedgwood ware, miniatures, ivories, bronzes, and silver articles. The pictures include examples by Turner, Titian, Velasquez, Millais, Constable, Raeburn, Gainsborough, Romney, Morland, Reynolds, Hoppner, Lawrence, and David Cox. Passing along, one saw the open-air swimming-baths, the nursing-home, tennis-courts, recreation-grounds, schools, free library, clubs, and the cottages designed in so many varieties of picturesque patterns. And now the works were reached, and the party was divided into sub-parties for



No. 28.—A Group of the Local Committee,
taken after luncheon at Llangollen on July 23. Mr. Shepheard, Chairman of the Local Committee (in a knickerbocker suit), stands in the centre of the front row; on his left are Mr. Farr and Mr. Peck.

An Irish Group.
From left to right: Mr. W. F. Wells, Mr. Wellesley Douglas, and Mr. D. M. Watson (Pres. P.S.I.). Mr. J. A. Walker (Northcote, Victoria) stands behind the latter two. [*Photo. by G. Whitfield.*

No. 24.—In Valle Crucis Abbey.
Mr. F. Simpson, F.S.A., is seen on the extreme right pointing to some architectural feature of special interest. This is the background of Nos. 25 and 27.

No. 25.—Group of Liverpool and Birkenhead Visitors.

No. 27.—A Group of Welshmen and their Ladies.
Both the above were taken at Valle Crucis Abbey on Thursday, July 23.

No. 40.—A Group of Overseas Visitors.
From left to right: Mr. T. H. Wardleworth (Montreal), Mr. J. A. Walker (Northcote, Victoria), Mrs. F. Longmore (Melbourne), Mr. Francis Longmore, Mrs. Pleasance (Prahran, Victoria), Mr. Pleasance, Mr. Gulliver (Melbourne).

No. 36.—Mr. Alder,
winner of the first golf cup, driving off.

The numbered photographs are by J. Cleworth.

convenience of pilotage, each of which was conducted through the works and shown many of the processes which go to make up the sum total of the work done in this vast field of human toil. Passing through the main offices, where a thousand clerks are at work, and after a peep at one of the chemical laboratories, the party found itself in

Packing Vinolia Perfume.

the box-making department. Immediately afterwards the process of soap-making was shown. On an upper floor stood sixty vats, each holding 60 tons of combined oil and alkali, where these ingredients are boiled together so that soap and glycerin are formed. The glycerin is separated, and the soap, still molten, is conveyed by means of rectangular wooden channels into moulds 6 ft. high, where it remains till cool, and is afterwards cut up, moulded, wrapped, and boxed. The party then passed on to the wharf, where thousands of tons of material is handled daily; then to an inspection of the girls' dining-hall, its walls hung with excellent and original water-colours and oil-paintings; thence to the surgeries; afterwards to the power-station; then to the printing-works, where handbills, posters, bill-heads, pictorial souvenirs, etc., are created; and, finally, to the Vinolia works. These latter, whence come dainty toilet-preparations for dainty people, were of particular interest to the ladies, who watched with close attention the milling, pressing into bars, cutting into tablets, stamping and trimming of many varieties of Vinolia soap. Also were seen the making and packing of many well-known Vinolia preparations, such as face-powder, vanishing creams, brilliantines and pomades, perfumes, and shaving-soaps. Then, having walked through works for a total distance of not

Weighing and Packing Dusting-powder.

less than a mile, the party betook itself to the Hulme Hall for a really sumptuous tea, easily the finest tea offered during the Conference. At the close, Mr. Hulme Lever, who presided, in a modest speech welcomed the gathering. The President (Mr. Farr) thanked him and his co-directors heartily for the splendid hospitality, and he was seconded by Mr. John Simon. Finally came a speech from Mr. W. E. Booth, the manager of the Vinolia Co., whose genial presence and whose services in organising the visit were very much appreciated. Among the pleasant things which Mr. Booth said is the following: "I must say a day out with chemists is one of the jolliest days one can have. Mr. Lever, I am sure if ever you get an opportunity of spending a day out with chemists, you will have the time of your life from an entertaining as well as an instructive standpoint. I shall never forget the excitement with which I was dragged to see a clump of belladonna growing in Valle Crucis Abbey. Then Mr. Farr was triumphantly waving what looked like ordinary grass, but it was, I was informed, 'the only poisonous British grass.' Afterwards I had a lecture on bees, and I know more about bees than ever before in my life, and, bearing in mind the excellent concert we had last night, it was one of the finest days I have ever spent." Supporting Mr. Hulme Lever were (besides those already named) Mr. Alexander Paul, Mrs. Farr, Mr. Shepheard; Mr. and Mrs. Saville Peck, Mr. and Mrs. Cecil Owen, Mr. R. R. Bennett, Mrs. Hopley, Mrs. Carter, Mr. Clengy Jones, Mr. W. R. Brown, and Mr. Dickinson. The gathering, refreshed and delighted, betook itself to Bebington Station, and proceeded, *viâ* Chester, homewards. So terminated a Conference which in variety of interests, in well-ordered programme, in merry gatherings, in smoothness of working, and in appeciativeness on the part of the visitors, has been proclaimed on all sides as second to none.

[*Photo. Cleworth.*

No. 21.—A Group of Scots.

In the back row (right to left) are Messrs. J. R. Hill, Proctor Atkinson, Donald Mackenzie, and James Grier. Sitting at the left of the front row is Mr. Bayne (T. & H. Smith, Ltd.). The rest are familiar faces.

The numbered photographs which we reproduce on these pages are by Mr. J. Cleworth, pharmacist and photographer, 56 Ducie Street, Oxford Road, Manchester, who also supplied the originals of the Grosvenor Hotel in the *C. & D.* Summer Issue, p. 181, and the photographs of the opening of the Conference meeting, the party at the Bowling Green on p. 183, and the Ladies' Committee on p. 193. Mr. Cleworth informs us that he will supply mounted copies of any or all of these photographs at 1s. each, post free; also of the following:

No. 8.—Mr. Percy Burr piloting a motor-launch party on the River Dee.

No. 9.—Party on the bowling-green, including Messrs. C. A. Hill, Gulliver, and Burr.

No. 11.—Another bowling-green party, including Messrs. Wellings and Humphreys Jones, of Liverpool.

No. 15.—Steamer *Toronto* leaving Chester for Eaton Hall.

No. 16.—Party leaving Eaton Hall after tea for places in the official group photograph.

No. 22.—The third steamer leaving Eaton.

No. 31.—A golf photo, showing Mr. David Williams putting on the seventh green, accompanied by Messrs. Ellithorne and Evans.

No. 32.—Messrs. Alder and Worley on the ninth green.

No. 33.—Messrs. D. Williams, Ellithorne and Evans on the railway tee.

No. 37.—Mr. T. A. White (Southsea) driving off from the first tee, Messrs. Presant and Williams looking on.

No. 38.—Messrs. Clenyg Jones and Cooling on the fifth tee.

ENGLISH AND WELSH NEWS.

Subscribers are invited to send to the Editor newspapers containing news of trade interest. Please mark the items.

Brevities.

Chemists in Halifax are to close all day on Monday and Tuesday of next week following the Halifax Wakes week.

The Herts County Council have made Wednesday early-closing day for Rickmansworth chemists and druggists.

Bucks County Council have granted an agri-horticultural poisons-licence to Mr. John Stewart, seedsman, Aylesbury.

Two cows walked into the shop of Mr. Brown, chemist and druggist, Moor Lane, Clitheroe, on July 27, and broke a lot of things.

Considerable damage by fire was done to the stock and premises of Mr. Frederick Houghton, chemist and druggist, 28 Barrack Street, Norwich, on July 26.

The Tonbridge Bench have transferred to Mrs. Turney the medicated-wine licence attached to the business carried on at Edenbridge by her late husband, Mr. H. Blandford Turney, chemist and druggist.

The report of the Morley (Yorks) Industrial Co-operative Society states that during last quarter only 10 per cent. of the stock purchased for the drug-department was obtained from co-operative sources.

Mr. E. D. Owen, chemist and druggist, 135 Victoria Road, Middlesbrough, had two plate-glass windows smashed recently by a man with a broom. At the local police-court the man undertook to make good the damage.

The Southampton Pharmacists' Association are arranging an outing on August 12 to the Beaulieu Road Hotel in the New Forest. Trains leave Southampton West at 1.11 and 2.33 P.M. Tickets, 2*s*. each (including tea, but not railway fare), may be had from Mr. H. Jewell, 57 Above Bar, Southampton.

Chemists and druggists in Maesteg (Glam.), if the Urban District Council's motion passes on August 24, will have to close their shops in future at 8 P.M. on Monday and Fridays, 7 P.M. on Tuesdays and Thursdays, 11 P.M. on Saturdays, and at 1 P.M. on Wednesdays, except as regards the sale of medicines and surgical appliances.

There was a record entry for a show of carnations, sweet peas, and garden peas held in connection with Messrs. Ferris & Co.'s Employés' Horticultural Society at Bristol, and the awards were—Carnations : 1, E. Horler; 2, G. Balser; 3, W. J. Whippey. Sweet peas : 1, A. Bennett; 2, E. Horler; 3, J. Bennett. Garden peas : 1, A. Harding; 2, J. Bennett.

Poor-Law Dispensing.

Mr. H. R. Fawcett has been appointed by the Bermondsey Board of Guardians *locum-tenens* to the dispenser at the district dispensaries at a salary of 3*l*. 3*s*. a week.

Miss W. Cadoux, having been appointed dispenser at the Brixton Dispensary, on leaving the Medical-aid Dispensary, Loughborough, received from the Committee and members of that institution a valuable gold bracelet as a mark of esteem and good wishes.

The Southampton Guardians have adopted a report of their House Committee recommending that ration allowance while on holidays be allowed all indoor officers, subject to the sanction of the Local Government Board, and fixed the amount of 14*s*. per week for various officials, including the steward and matron, while 12*s*. per week only is to be allowed the dispenser. [Poor-law Section of the Public Dispensers' Association, please note.]

The Bermondsey Board of Guardians, having considered an application from Mr. S. E. Goggin, dispenser of medicines at the district dispensaries, asking the Board to consider the advisability of closing the dispensaries at three o'clock on Saturday afternoons, as very few prescriptions are dispensed after 1.30 P.M. on that day, have agreed that in future the hours on Saturdays be as follows : District Dispensary, Shad Thames, from 10.4 A.M. to 1.30 P.M., and the District Dispensary, Lower Road, from 9 A.M. to 10.30 A.M. and from 2 P.M. to 3 P.M.

Congress of Surgeons.

The fifth annual session of the Clinical Congress of Surgeons of North America has been held in London this week, the Hotel Cecil being the headquarters. Dr. Franklin Martin, the President, gave a dinner at the hotel on Monday evening, at which Sir Rickman J. Godlee, Bart., the retiring President of the Royal College of Surgeons, and the Chairman of the London Committee of Arrangements, gave an address of welcome. The members of the Congress have spent most of their time in the surgical operating theatres of the principal London hospitals, and papers by international surgeons have been read and discussed.

An exhibition of surgical appliances and instruments and of medicinal preparations is being held simultaneously in the Hotel Cecil. The exhibitors include Messrs. Burroughs Wellcome & Co., Duncan, Flockhart & Co., Dr. Bayer & Co., Budapest (Merlusan), C. De Witt Lukers Co. (catgut), John Bell & Croyden, Ltd., the Charles Phillips Chemical Co., Horlick's Malted Milk (delightfully cool and refreshing), the Sanitas Electrical Co., Ltd., the Tintometer Co., Ltd., and the Life-saving Device Co. The last is a peculiarly interesting exhibit of the lung-motor, a two-cylindered pump with respirator which forces air (*plus* oxygen, if necessary) into the lungs and draws it out again—in fact, does the life-saving business quickly and well without physical exertion of the patient. The tintometer is now adapted for use as a radiometer with Sabouraud's pastilles. The electrical exhibits are splendid.

Sale of Food and Drugs Acts.

The samples of drugs submitted to the Bristol public analyst last quarter were : zinc ointment (3), sulphur tablets, health salts (2), carbonate of magnesia, iron tonic pills, extract of cascara, and chamomile (one each). All were genuine.

The annual report of the Public Health Committee of the Middlesex County Council states that investigations had shown that many of the formaldehyde tablets on the market were weak in formaldehyde, partly as an inevitable result of loss in manufacture and on keeping. The Committee hoped the possibility of making formaldehyde tablets which would retain a sufficient quantity of the active ingredient would be further investigated. Two samples of strong solution of ferric chloride failed to answer some of the tests of the British Pharmacopœia, but it was found that the various tests there given could not all be satisfied if the official method of manufacture were followed. Out of thirty informal samples of liquid paraffin for internal use, four were not free from taste and smell, and this matter is being further investigated. Eleven out of fifty samples of tincture of iodine were more or less unsatisfactory, and in the two worst cases the vendors were prosecuted and convicted.

L.C.C. Chemical Department.

The London County Council is reorganising the chemical branch of its public health department. The staff consists of a chemist, four senior assistants, three assistants in the first class, six assistants in the second class, two minor establishment assistants, three laboratory attendants, two assistant laboratory attendants, one laboratory boy, seven samplers, and two assistant samplers. Two of the senior assistants, all the laboratory attendants except one, and the samplers are at the main-drainage outfall stations and under the direction of the Main Drainage Committee. Consideration has been given to the duties attaching to the position of chemist, for which the salary is 600*l*. a year. Having regard to the nature of the work and the additional responsibility devolving on the chemist under the new arrangements, the maximum salary is to be increased to 700*l*. a year.

Pharmacies Sold by Auction.

The business of Mr. J. B. Foggitt, Ph.C., Southport, was sold by auction on Monday, July 27, by Mr. Joseph Saul, F.A.I., auctioneer and sheriff's officer. The sale was made under distraint for rent, and by order of the Sheriff, upon the premises 367 and 369 Lord Street, Southport, the property offered being the chemist's and druggist's business carried on there, including the interest in the same of the tenant. There was a large attendance,

the front shop being packed. Mr. Saul explained that the present tenancy expires on March 1 next year, and the rent distrained for was up to September 1 next. From the date of expiration of the present tenancy the owners are prepared to grant a further lease to a responsible tenant for a term of five years at 260*l.* a year, on condition that the tenant takes the premises as at present and makes any alterations required at his own expense, the owners putting in a new mahogany front, plate-glass windows, and new granite base, and decorating the interior ready for fittings. The premises to be let comprised the front and back shop on the ground floor, a large room, closets, etc., on the first floor, and one room at the back on the second floor. Bidding started at 100*l.*, and advanced to 850*l.*, at which figure Boots, Cash Chemists, Ltd., became the purchasers. The sale included the entire contents of the shop and premises. The previous Monday Messrs. Boots purchased Mr. Foggitt's business at the corner of Eastbank Street and Chapel Street. Mr. Saul also conducted that sale, and bidding rose from 50*l.* to 350*l.*—the purchase price. Only a month or two ago Messrs. Boots opened a new shop in Lord Street, and before that they had one in the same street, also one in another part of the town.

Birmingham.

The correspondence in the local press *re* the Insurance Committee's indebtedness to local pharmacists is being well sustained, and has now resolved itself into a "wait-and-see" attitude.

The extension of the city boundaries and the facilities for access to the suburbs is increasing the importance of these districts from a trade point of view. The pharmacist has invaded these at most of the termini, and it is rumoured that those pharmacists on the main routes are pushing their influence further by means of branches.

The University prospectus for the coming season has now been issued. Of the subjects of interest to pharmacists, chemistry is in charge of Professor Frankland, botany of Professor West, and physics of the Principal and Dr. Shakespeare. Materia medica and pharmacy are in the able care of Dr. Cooke Kneale, a quondam pharmacist, who practised in Sparkhill.

In his report for the second quarter of 1914, Mr. J. F. Liverseege, F.I.C., Ph.C., Birmingham city analyst, states that 1,023 samples were analysed, including seventy-eight samples of drugs; twenty-one were adulterated—glycerin of borax, zinc ointment, cream of tartar, and seidlitz powders—particulars of each of which are set forth in the report, and comparison made with British Pharmacopœia requirements.

Sheffield.

Chemists should be on the look-out for bad florins. One business-house in Sheffield has thirty of them, for which it gave 3*l.* worth of goods

A number of prosecutions have been instituted under the Shops Act against shopkeepers of different trades, and chemists should see that the conditions of closing as agreed upon by the local Association are carried out.

John Arthur Hydes, a Sheffield dentist, has been fined 10*s.*, and costs, at Chesterfield, for the non-payment of contributions under the National Insurance Act with respect to an assistant formerly in his employment. Hydes was also ordered to pay twenty-six weeks' contributions.

Messrs. Watsons, High Street (Mr. Heaton, Ph.C.), are well to the front with their summer photograph business. They are advertising that they will finish customers' spools by Watson's method and return by the following night's mail. They also supply customers on holiday, or living at a distance, with fresh spools direct from the makers post free.

Mr. John Green, the Chairman of the Wortley Board of Guardians, says that whether or not his Board decide to join the scheme for the combined treatment of the feeble-minded (which is to cost 30,000*l.*, and is awaiting the sanction of the Local Government Board), his Board admired the persistency with which Mr. G. T. W. Newsholme, Chairman of the Sheffield Board of Guardians, had urged forward the scheme.

From Various Courts.

At an inquest held in Westminster on July 22 regarding the death of Patrick Henry Black, L.R.C.P. & S.I. (33), late of Dalkey, it transpired that he had been using hypodermic injections of cocaine, and part of a hypodermic needle had been embedded in his heart for many months. It was quite bright, and there was no evidence that the heart's action had been incommoded.

At Marlborough Street Police-court, London, on July 25, Mr. Denman continued the hearing of evidence against John Michael Desmond, described as a chemist, of Langley Lane, Vauxhall, who was charged with having on or about April 15 by false pretences obtained the sum of 50*l.* from Alfred W. Goddard, Regent Street (see *C. & D.*, July 18, p. 36). The allegation against prisoner was that he represented to Mr. Goddard that he was chemist to the firm of Wellcome, Son, Lodge & Desmond, who were about to open a factory at 59 Wandsworth Road, for the manufacture of a patent varnish; that Sir Oliver Lodge and Mr. Wellcome, of Messrs. Burroughs Wellcome & Co., were connected with the firm, and that they required a superintendent for the factory. Messrs. Cartier, Son & Cartier, of Carlton House, Regent Street, were also mentioned as connected with the enterprise. Goddard, who had answered prisoner's advertisement, paid Desmond 5*l.* to "bind the contract," and on subsequently being notified by him that he had been appointed to the position of superintendent, paid him the balance of 45*l.*, according to arrangement, on April 15. He and his wife took up their residence at 59 Wandsworth Road, and remained in occupation till the institution of these proceedings. No business had been done, and, being unable to recover his money, he communicated with the police, and prisoner was arrested. Mr. Henry S. Wellcome, sole proprietor of Messrs. Burroughs Wellcome & Co., gave evidence on July 25, stating that he had never heard of the firm of Wellcome, Son, Lodge & Desmond until that morning. He was not connected with the firm of Cartier, Son & Cartier. Mr. Harry Moon, Deputy Registrar of the Pharmaceutical Society of Great Britain, deposed that the name of John Michael Desmond was not on the register of chemists and druggists. After further evidence prisoner was again remanded, an application for reduction of bail being refused.

IRISH NEWS.

Subscribers are invited to send to the Editor newspapers containing news of trade interest. Please mark the items.

Pharmaceutical Society of Ireland.

The following are results of recent examinations:

Pharmaceutical Assistant Examination.—The following passed: John Corbett, Kilmallock; William Marsden Cross, Ballyclare; Patrick Joseph O'Grady, Cork. Two candidates were rejected.

Registered Druggist Examination.—The following passed: William John Darby, Belfast; George Christopher Hewson, Ballina; Arundale Augustine Gore, Dublin. Two candidates were rejected.

Brevities.

The Local Government Board have called the attention of the Wexford Guardians to the high cost of drugs at Banmow dispensary. The Dunshaughlin Guardians have also been written to regarding a similar heavy expenditure.

Dr. J. C. McWalter, M.A., M.D., F.R.C.P.I., contributes several papers to the annual meeting of the British Medical Association at Aberdeen. The following are the titles: "Lime Salts in Children's Diseases," "On Cerii Oxalas, Paraffinum Fluidum, and Phenolphthalein," "The Drug-treatment of Dysmenorrhœa," "Antimony in Syphilis," and "The Necessity for Reforming the Coroner's Inquest."

Mr. Victor E. Hanna, Ph.C., 70 Lower Mount Street, Dublin, has brought out the "Dublin Medical Telephone

Directory"—a forty-page book, with stiff cover—which gives lists of all the doctors and dentists in the Dublin district who have telephones. The names are arranged both alphabetically and in streets. The additional information includes lists of public and private hospitals, nursing homes, and institutions from which trained nurses are obtainable. Chemists who desire to carry out the idea in their district as a means of building up a prescription business, should communicate with Mr. Hanna, who informs us that he would be glad to place his experience at the service of brother pharmacists.

Motor-ambulance Collision.

An appeal by Messrs. Hugh Moore & Alexander, Ltd., wholesale druggists, Dublin, against the decision of the Recorder of Dublin in an action instituted against them by the Corporation of Dublin, was heard before Mr. Justice Molony on July 28. The action was brought by the Corporation to recover damages, laid at 31*l.* 1*s.* 2*d.*, caused to their motor-ambulance by the alleged negligent driving of a lorry owned by the defendants. Mr. Justice Molony said he would give judgment on July 31, and would see the scene of the collision in the meantime.

The late Mr. Boyers.

The Medical Halls of the late Mr. Henry Boyers, pharmaceutical chemist, at Sligo and Tubbercurry, it is announced, will be carried on under qualified management.—The Sligo Borough Court, on the motion of the Mayor, adjourned its sitting last week as a mark of respect to the memory of the late Mr. Boyers, who was described as "the dear friend of everyone who knew him, and a leading business man and a much-respected magistrate."—The Sligo Board of Guardians, to whom Mr. Boyers was drug-contractor for a number of years, passed a vote of condolence with the family of the deceased.

Cancer-plaster Case.

The inquest was resumed at Wattsbridge on July 25 on the body of Catherine Brady, whose death was alleged to have resulted from the use of arsenical plasters for a cancer on the breast. Professor MacWeeney, analyst, said he found in the breast half a grain of arsenic, and arsenic was also found in the liver, kidney, stomach, and other organs. Medical evidence showed that death was due to gastro-enteritis from arsenical poisoning. One of the jurors said he was cured of cancer two years previously by the use of the same plaster. The jury returned a verdict that death was due to arsenical poisoning, but that there was no evidence as to how the arsenic got into the system, and no one was to blame.

SCOTTISH NEWS.

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Brevities.

A slight fire occurred on the premises of Mr. Robert Leslie, chemist and druggist, 627 George Street, Aberdeen, on July 25, little damage being done.

The Dunfermline Co-operative Society's pharmacy was entered by burglars this week, and money taken from a safe, besides tooth-brushes and other things from the stock.

Aberdeen.

Mr. Robert Hunter, Rexall chemist, has this week excellent window-displays of "Icilma" products and Sparklets—syphons and bulbs.

The fact that the eighty-second annual meeting of the British Medical Association is housed this year in Marischal College has resulted in a large influx of medical men into the city. The historical exhibits deserve more than passing interest. Among others may be noted a carbolic spray of the type employed when Lord Lister first introduced antiseptic surgery, old Chinese spectacles, and ancient surgical instruments. There is also a most interesting collection of photographs and engravings of distinguished physicians and surgeons of the nineteenth century.

Glasgow.

Messrs. Mitchell & Rae, Springburn, have taken over the Possilpark Apothecaries' Hall, Saracen Cross. This makes their fourth shop in the northern district.

Mr. John W. Cowie, chemist and druggist, Tillicoultry, has passed, this month in Glasgow, the examinations for the triple qualification of the three Royal Colleges. Mr. J. W. Cowie is a "Lothian's man."

Owing to the scarcity or expense of qualified locums, it has happened for the first time in the history of the local drug-trade that several of the shops conducted single-handed by the principals have been closed for the whole of the fair week, to enable the owners to get their annual holiday.

The local Press has been giving unusually full reports of the B.P. Conference meetings and abstracts of some of the more popular papers—*e.g.*, "The Adulteration of Belladonna-leaves," by Messrs. E. Stafford Allen and H. Deane, and "The Anæsthetic Ether of Commerce," by Mr. H. Finnemore.

Presentation to Mr. Robert Brodie, Glasgow.

A deputation, consisting of Messrs. J. Crombie, J. P. Gilmour, and A. McMillan, recently waited on Mr. R. Brodie, chemist and druggist, and on behalf of his Glasgow *confrères* presented him with a purse of sovereigns, as a testimonial on the occasion of his retirement from business at the advanced age of seventy-seven, and as some recognition of his long and distinguished services to local pharmacy. Mr. Brodie's enrolment as a member of the Glasgow Druggists' Early-closing Association dates back to 1855. It was the first trade organisation of chemists in Glasgow. The deputation found Mr. Brodie, in spite of a recent severe illness, in fairly good health, and characteristically blithe in spirits, with unabated zest in life and pharmaceutical affairs. He was greatly gratified by the fraternal expressions of good will which accompanied the presentation of the testimonial, and desired the deputation to convey his warmest thanks to all who had been associated with the movement.

POISONING FATALITIES.

Four cases of poisoning have been chronicled during the past week, of which three were suicidal cases. Concise particulars are subjoined:

Ammonia.—Mrs. Whiteley, Elland, ended her life by taking solution of ammonia while of unsound mind.

Cocaine.—Dr. Patrick H. Black, of Dalkey, co. Dublin, was found dead in a London hotel. Evidence given at the inquest showed that death was due to poisoning by hypodermic injection of cocaine, and a verdict of death by misadventure from an overdose of cocaine was returned.

Liniment.—Mrs. Eliza F. Green, Doncaster, died from irritant-poisoning, as a result of taking a liniment containing about an ounce of methyl salicylate while her mind was unbalanced through worry.

Spirit of Salt.—Thomas Chas. Burgess, a London policeman, committed suicide while of unsound mind by drinking spirit of salt.

GAZETTE.

Partnerships Dissolved.

Mannington, F., F.R.C.S., Belmont, Muswell Hill Road, Highgate, Middlesex, and Parry, T. W., M.D., Belmont, Crouch End Hill, physicians, surgeons, accoucheurs and apothecaries, under the style of Mannington & Parry.

Newton, H. W., Alford, C. W., and Ransford, A. C., Ingatestone, physicians, surgeons, accoucheurs, and general medical practitioners.

Bankruptcy Acts.

Adjudication.

Willmer, C., Katherine Road and Marlow Terrace, High Street South, East Ham, Vicarage Lane, Stratford, and Stratford Road, Plaistow, drug-store proprietor.

Receiving Order.

Henning, A., formerly Guildford Street, Russell Square, now Fernlea, Holly Bush Hill, Highstone, Snaresbrook, Essex, chemical manufacturer.

FRENCH NEWS.

(From the "C. & D." Paris Correspondent.)

Competitive Examinations will take place on September 7 and 8 at the Val-de-Grâce Military Hospital, Paris, for the nomination of a pharmacist-major as *répétiteur* or undermaster at the Lyons School of Military Hygiene, and for the admission of five pharmaceutical students to the same school.

Recognition of Assistants.—Chemists' assistants who in 1910 carried on an agitation for the closing of pharmacies in Paris at 9 p.m., are affiliated with the National Union of Assistants, and have taken part in a congress at the Bourse du Travail, at which the questions of the legal recognition of assistants and the hours of work were discussed. Assistants in pharmacies are by the pharmacy laws debarred from exercising pharmacy on their own account, but are, however, recognised in other ways. It is stated that there are 15,000 chemists' assistants in France, and that they are determined to secure legal recognition of their status. At the Congress referred to above it was agreed to agitate for the following emendation of Clause 7 in the Schmidt Pharmacy Bill:

Every pharmacist, proprietor of a shop which is open to the public, has the right to be assisted by assistants, either with or without diplomas.

The delegates urged that assistants shall come under the French workmen's laws, that 9 o'clock be the closing-time of pharmacies, and that ten hours be the maximum of each day's labour.

Synthetic Camphor.

In January 1907 a company entitled "Le Camphre" was formed at Paris for the manufacture of synthetic camphor, its capital being 7,000,000f., in 4*l.* shares. These shares were eagerly snapped up; they were sold, in fact, at a premium of 50 per cent. or so, and the promoters thus made "a good thing" over their issue. The company had engaged itself to purchase the patents of a new process, said to be certain and remunerative, for 4,000,000f. This purchase was effected, but in 1910 the shareholders of the company, having received no dividends, raised the question as to whether any camphor had actually been manufactured by the patented process. A certain number of those interested instituted a charge of obtaining money under false pretences, and placed the matter in the hands of the judicial authorities. The Magistrates nominated M. Jullia, an accountant, to examine the accounts. His report was to the effect that the company had not been able to manufacture on a remunerative and commercial scale, nor had the vendors of the patent, in spite of the experiments made and sums spent, arrived at profitable results before disposing of the rights of their process. Three experts—M. Hanriot, of the Academy of Medicine, and MM. Blanc and Guerdet, Professors of Chemistry—were instructed to examine the processes in question. They were somewhat handicapped by the fact that since 1912 the company had ceased to produce camphor. But they reported that the patents submitted to their inspection were apparently of no commercial value. The directors were in consequence committed for trial, in spite of their protests of good faith, being charged with employing fraudulent means for the sale of worthless patents, of having floated a company in this intention, and of having personally profited by large sums. The heavy amounts involved gave a special interest to the case. One barrister pleaded for shareholders whose combined interests represented over a million francs (40,000*l.* sterling). In 1912 the accused persons handed half a million francs (20,000*l.*) to be divided among the shareholders who had lodged the complaint, and the judicial authorities proposed to drop the matter, rendering an *ordonnance de non-lieu* in favour of the defendants. But the decision had hardly been made when fresh complaints came pouring in, and the "instruction" or examination of the facts was resumed. This terminated by the founders and leading directors being brought before the Police Court last week. The discussion of details was a lengthy one, occupying several sittings of the Ninth Correctional Chamber, and ultimately the Court decided that a new prosecution could not take place, and that the defendants' counsel were right in saying that the new "instruction" was illegal.

SOUTH AFRICAN NEWS.

(From "C. & D." Correspondents.)

"The Chemist and Druggist" is subscribed for and supplied weekly to all the members of the seven Chemists' Societies in British South Africa.

The Union.

Medical and Dental Bill.—Owing to the prorogation of the Cape Parliament the Medical and Dental Bill has been dropped. This is regarded as a quite satisfactory issue for chemists in South Africa, and it is to be hoped (writes a South African correspondent) that the next Bill will be published some months before introduction to Parliament. In the discussion which took place on the second reading no new points were elicited, but the chemists of Natal, the Transvaal, and Orange Free State who desire inclusion brought about a well-organised opposition to the Bill.

Transvaal.

Business Change.—Mr. A. Young, pharmacist, Von Brandis Square, Johannesburg, has opened a branch at Doornfontein.

Personal.—Mr. Austin Purnell, the popular retail manager of Lennons, Ltd., Johannesburg, was the guest of the Council of the Transvaal Pharmaceutical Society at a dinner held at the Trocadero on July 1, prior to his departure on holiday to England. Mr. Purnell is a past-president of the Society.

The Retail Price-list, which comprises patent and proprietary articles both on and off the P.A.T.A. list at fixed net prices, was again launched on July 1. Considering the conditions under which Transvaal chemists have laboured during the past two years the list should prove to be a valuable book of reference. Almost every article now shows a good profit to the retailer, and under the conditions and regulations laid down by the compilers should prove to be a permanent work. The list will be revised from time to time, and any alterations in prices and additions will be duly notified.

ASSOCIATION AFFAIRS.

London (Co.).—The first meeting of the newly constituted Executive Committee of the London County Pharmaceutical Association was held at 17 Bloomsbury Square on July 28. There were present: Messrs. Edmund White, W. J. U. Woolcock, H. R. Procter, G. A. Tocher, J. Hearle, W. A. Scott, A. R. Keith, J. Milner, W. B. Trick, and the pharmacist members of the Pharmaceutical Committee, except Messrs. A. H. Jenkin and E. G. Price. The Committee proceeded to elect the officers for the ensuing year, as follows: Mr. Edmund White (President of the Pharmaceutical Society) was unanimously re-elected *President*, Mr. J. Keall was elected *Vice-President*, and Mr. G. A. Tocher was re-elected *Secretary-Treasurer*. The Executive recommended that the Pharmaceutical Committee should appoint Mr. Trick to fill the first vacancy occasioned by the resignation or disqualification of any members of the Committee.

National Association of Opticians.—The Council of this Association held the quarterly meeting at Leeds on July 22. In the absence of the President (Mr. R. Chalmers, Sunderland), Mr. L. Moreton Parry (Liverpool) occupied the chair. Mr. Parry was unanimously elected Vice-President, consequent upon an intimation from Mr. J. C. Kidd (Manchester) that he had decided not to join the Association. The Tees-side Optical Society wrote asking that a delegate should attend one of their meetings to explain the objects of the new organisation. Sixty new members were elected. Mr. Hershberg (Hon. Secretary) submitted a scheme for a National Association scholarship, which was adopted.

Wrexham.—A meeting of the Wrexham and East Denbighshire Chemists' Association was held at the Imperial Hotel, Wrexham, on Monday, July 13, Mr. C. G. Caldecott presiding. Poor-law dispensing was among the matters discussed, and a sub-committee, consisting of Messrs. C. G. Caldecott, J. H. Francis, J. E. Jones, and L. B. Rowland, was appointed to formulate a plan of action so far as the Wrexham Union is concerned.

LEGAL REPORTS.

TRADE LAW.

Other Makers' Bottle-stoppers.—At a Metropolitan Police Court on July 23, under the Merchandise-marks Act, Sidney Brown, a confectioner, was fined 40*s.* on each of two summonses, and four guineas costs, for selling mineral water made by himself in "Monster" bottles with stoppers bearing the name of R. White, Ltd. Defendant himself had bottled the contents, having rented a machine called the "Soda Stream," and it was contended that the use of Messrs. White's stoppers went to suggest that they were responsible for the contents of the bottles. To aid in the deception defendant took two or three dozen bottles of mineral water from Messrs. White every week, but on his own showing sold some 6,000 bottles a year. The Magistrate (Mr. Chester Jones) at first was doubtful whether any offence had been committed under the Act; but the cases of Stone *v.* Byrne and Wood *v.* Burgess were cited, and conviction followed.

Defining a Sardine.—At the London Sessions on July 24, the conviction was quashed in which Messrs. Angus Watson & Co., Newcastle-on-Tyne, had been fined 20*l.*, with 105*l.* costs, for selling fish in oil to which an alleged false trade-description had been applied—namely, "Skipper Sardines." The proceedings at the Police Court extended over nearly a year, and seven days had been devoted to hearing the appeal. The question at issue was as to whether sprats could be sold as Norwegian sardines, and it was decided that, while false in fact, this description is not false in law. With regard to the use of the words "Skipper sardines," which appeared on the invoice and on the paper seal of the tin, the Deputy-Chairman pointed out that "Skipper sardines" were specifically asked for, and that the paper seal did not disguise or hide the word Norwegian, several times imprinted on the paper cover and the tin, and the Bench was satisfied that the appellants had no intention of concealing the fact that these were Norwegian sardines. If a technical offence with regard to these descriptions had been committed, the Bench held that Section 2, Sub-section 2 C, of the Merchandise-marks Act would exonerate the appellants, because on this occasion they acted innocently, although the defence would not avail them in the event of similar occasions in the future. The Bench refused to grant costs to the appellants, and agreed to state a case in view of a possible appeal to the High Court.

Prince of Wales's Feathers.—On behalf of the Royal Warrant Holders' Association, Mr. Cave, K.C., moved, in the High Court on July 23, for an order expunging from the Register of Trade-marks the Prince of Wales's feathers as applied to goods of the Imperial Tobacco Co., Ltd. It was contended that none of the firms whose business had been acquired by the Imperial Tobacco Co. had received authority from any Prince of Wales to use the mark, and that if the present Prince of Wales now issued a warrant to a tobacconist, the holder would be prevented using the emblem unless the mark was now removed from the register. The Solicitor-General said that the view of the Registrar is that the emblem is the badge of the Prince of Wales, and that the use of it is calculated to lead people to think that consent to use it has been given by the Prince of Wales. Mr. Walter, K.C., for the respondents, submitted that: (1) The respondents are in no sense aggrieved; (2) the mark is not calculated to deceive; (3) it has not been established by the Courts that the Prince of Wales had any exclusive right to use the plumes; (4) they formed no part of the crest or arms of the Prince of Wales, but only a part of his badge, the other part being a dragon; (5) the crest of the Prince of Wales is a lion standing rampant on the top of the coat-of-arms; (6) as a badge the feathers form part of the coat-of-arms of at least two other families in this country. He stated further that there is no power to remove this mark now, it being perfectly good, and registered under existing legislation and under the last Act. It must be made clear upon the evidence that the mark deceives. We know, said Mr. Walter, that the persons with trade-marks with Royal warrant state that they have "Royal warrant." Some people avoid these places, because they think that in consequence the prices are rather high. Others may go because of these emblems outside the shops. The attention of the public is called in a forcible way by the words "By appointment." In Bond Street and Regent Street, where such traders largely congregate, you will not find a solitary shop which has not the legend "By appointment" where everybody can read it. Not only so—the warrant of the Prince of Wales does nothing but point the trader to a particular person, who is appointed to take in washing or whatever else the particular virtue may be that is represented by the warrant. This is a user extending over a century that no person on earth is deceived by, and it is the user you have to consider in reference to deception. His Lordship reserved judgment.

Contract: Offer and Acceptance.—The case of Pochin & Co. *v.* Crown Chemical-works, Stratford, decided by Justices Bankes and Avory in the High Court of Justice on July 10, and reported in the *C. & D.*, July 18, p. 39, was of exceptional interest. The appellants (Crown Chemical-works) submitted that no definite contract had been entered into, and this Mr. Justice Bankes sustained in the following judgment:

The question raised here turns upon the construction of this correspondence, and the learned County Court Judge has taken the view that there was an offer by the appellants of 3 tons of prussiate of potash at a certain price and that there was an acceptance of that offer, and that under these circumstances there was a binding contract. I do not take that view of the correspondence. I do not think there ever was an offer which it was open to the respondents to accept. I say that for this reason. On July 7 the appellants gave a quotation for 1 ton of prussiate of potash at a certain price net, delivered in London, that might be construed as an offer which if accepted at the time constituted a contract, but it was not accepted. The next stage in the correspondence is that on July 15 the respondents write to say: "With regard to the prussiate of potash, we shall be glad if you will kindly submit a sample and the price for 3 tons delivered in London, and oblige." It is not an acceptance, it is a mere trade inquiry asking for a sample and what will be the least price for 3 tons. The answer on the 16th is: "In reference to your quotation, will you kindly send us a sample of the quality you quote for and also say if the price will be less if we take it in 3-ton lots?" With reference to the letter of July 15, I ought to read here the one of July 16 from Pochin & Co.: "Will you kindly send us a sample . . ." That is a mere trade inquiry. The answer is: "We will send you a sample, but we cannot improve on our last quotation even if you take 3 tons." It is not an offer to supply 3 tons, but a statement. If you ask us definitely if we will supply you with 3 tons we will consider that, but we cannot give it to you at any less price. The sample was delivered on the 23rd, and appellants write: "We have now forwarded your sample of prussiate of potash, etc. . . ." On the 24th there was an order: "Please supply the following—3 tons prussiate of potash at a certain price. Kindly send the whole or part at once as per your sample and your quotation terms net cash 14 days. . . ." [After an interruption by counsel as to correspondence the Judge proceeded.] There is a note also from Pochins: "With reference to your quotation for prussiate of potash, we are pleased to say that we have secured an order for 3 tons of this, and would like to know whether we can have prompt delivery, and if not how soon you can deliver, and if you cannot deliver the whole of the 3 tons at once can we have part?" The County Court Judge has treated that as an acceptance of an offer of 3 tons, but in my opinion there was no offer. There had been an inquiry as to whether they could supply and if there would be a reduction of the price if they sold 3 tons, but the reply was that the price if they consented to deliver 3 tons could not be less than the usual price and they could only sell 3 tons at that price. Therefore it is not an offer—it is an inquiry; and the answer is: "We will advise you whether the business is in order"—that is, whether they are in a position to supply the goods. In my opinion there never was a contract, and this appeal must be allowed, with costs.

Mr. Justice Avory: I am of the same opinion.—Mr. Sanders took an objection to the usual costs being awarded the appellants, but, after hearing Mr. Wallington, the Court overruled this, and the appeal was allowed, with costs.

High Court Cases.

Unless when otherwise stated these cases have been heard in the High Court of Justice, London.

Stevens' Consumption-cure.

The action by Mr. Charles Henry Stevens, Wimbledon, against the British Medical Association for damages for alleged libel in "Secret Remedies" was concluded on Thursday, July 23, before Mr. Justice Shearman and a special jury. His Lordship, in summing up, told the jury that there were two excellent principles recognised by English law—viz., that a man's personal character should not be attacked, and that in matters of public interest everybody is at liberty to express himself in honest criticism. He reviewed the evidence and asked the jury to try and reach a definite issue, bearing in mind that the jury at the last trial disagreed. The jury returned into court after ten minutes with a verdict for the defendants. Mr. Dickens asked for judgment with costs not only of that trial, but of the previous trial. He said Mr. Stevens understood that the application would be made. His Lordship entered judgment for the defendants, with costs of the two trials, and refused the plaintiff a stay of execution.

A Kephaldol Competition.

In the Court of Appeal, before Lords Justices Buckley, Kennedy, and Phillimore, on July 28, the interlocutory

appeal was heard of the defendants in the action of Hillman *v.* Kephaldol, from an order of Mr. Justice Ridley. The plaintiff in the action is Mr. Reginald Hillman, of Halford Square, London, and the defendants' registered offices are at Kephaldol House, Norfolk Street, London. The action is one for 300*l.*, the amount of a first prize in a competition, or in the alternative for 100*l.*, the value of the second prize. Mr. Crawford appeared for the defendants, and after an explanation by him and a conversation with the Judges, the appeal was adjourned for the defendants to file further affidavits. What the Court would like to know (said Lord Justice Buckley) was the terms of employment of the Committee of Judges; and the time when, and the circumstances under which, documents which had been referred to in court were handed to the Committee.

Mr. Crawford said that should be done. Did he understand the Court that they had not sufficient material on which to adjudicate?

Lord Justice Buckley: If you drive us to give our opinion we will.

Mr. Crawford accepted the terms offered.

"Crookes's Collosols."

The action of Stroud *v.* Govett, in which damages were claimed to the extent of over 30,000*l.* for alleged breach of contract to float a company to place "Crookes's Collosols," a new patent medicine, upon the market, was concluded on Monday, July 27 by Mr. Verey, one of the Official Referees of the High Courts. (See *C. & D.*, July 18, p. 39.)

Mr. Henry Crookes, son of Sir William Crookes, gave evidence as to the discovery of the value of his invention, adding that the prospects of the patent had been seriously interfered with by the failure of the defendant to carry out his contract. Since the summer of 1913 other preparations claiming to do the same thing as "Collosols" had come upon the market, and the prospects of "Collosols" had suffered accordingly.

Mr. Jas. Cantlie, F.R.C.S., said that he had successfully used "Collosols" since the beginning of 1913, and regarded it as a thing of great value, having a field of usefulness outside the medical profession. For instance, it would prove of great value as a preservative for foods sent out to tropical countries.

This closed the plaintiff's case, after which Mr. Edward J. Earl, Mr. Ernest Govett, and Mr. G. Barnet Burdon gave evidence for the defence, and the Referee reserved judgment.

Medicine-stamp Acts.

Unstamped Remedies.

Mr. C. H. Biron delivered his considered judgment at Marylebone Police Court on July 23 in the action by the Commissioners of Customs and Excise against Samuel Simpson, 34 Cavendish Road, Brondesbury, trading as James Alfred Sims at 18a Praed Street, Paddington, for selling dutiable medicines unstamped and without a licence (see the report in *C. & D.*, July 25, p. 116).

Mr. Biron said he had studied Section 2 of the 1812 Act, under which these proceedings were taken, and his study had confirmed the view which he formed at the previous hearing. The case of Farmer *v.* Glyn-Jones (2 K.B. 6, 1903, and 67 J.P. 240), which was cited in support of the defence, really had nothing to do with the present case. That case decided that ammoniated quinine was included in the special exemptions of the statute. But it was perfectly clear that the preparations which the defendant had admitted selling came within the meaning of the Act, which aimed at patent and proprietary medicines except those that came within the special exemptions at the end of the statute. Nothing of the kind raised in the case cited arose in this case, and in view of the statute there must be a conviction. In fact, this seemed to be exactly the kind of case that the Act was passed to meet. He did not see, therefore, why the full penalty should not be imposed.

Mr. C. V. Hill (for the defence) pointed out that the defendant had taken out a licence, so that there had been no loss to the Revenue.

The Magistrate replied that in his view it was a case for maximum penalties. He fined the defendant 20*l.*, with 20*s.* costs, on the summons in regard to the licence, and 30*l.* for failing to stamp the medicines.

The six summonses against Isaac Rose (trading as J. Read & Co.), 285 Edgware Road, for exposing for sale Dr. Richard's injection, Dr. Patterson's pills, antiseptic tablets, Vitrones, lung-tonic, and Santolettes, without Revenue stamps, came before Mr. Paul Taylor at the same court.

Mr. Clay, the solicitor defending, urged that his client had carried on the business for two years in the same way as the man from whom he purchased it, and was under the impression that no stamps were necessary.

Mr. Mellor (for the Commissioners) pointed out that the defendant had held a licence and that on it was a clear statement that he could not sell these particular medicines without stamps. In spite of that intimation, however he sold four on May 15, and when interviewed by an officer of Customs he admitted that he had no stamps, and that he had never stamped any preparations during the two years he had been there. Mr. Mellor also pointed out that in the defendant's price-list he claimed to be the sole agent in England for certain articles—a claim which brought him within another part of the Act for selling proprietary articles. "It is a very serious case," added Mr. Mellor, "and in view of the large loss to the Revenue I ask you to impose a very serious penalty."

The Magistrate observed that all the medicines were of a certain character.

"Yes, for sexual complaints, except one," replied the solicitor.

The Magistrate: At all events, they are the sort of article that would have a large sale in the ordinary way, so that a large loss would occur to the Revenue.

Mr. Mellor: Yes, there has been a considerable loss to the Revenue.

The Magistrate imposed a fine of 10*l.* on each of the six summonses—60*l.* in all—with two guineas costs.

Mr. Clay: That will mean the Bankruptcy Court.

LIMITED COMPANIES.

New Companies Registered.

P.C. means Private Company and R.O. Registered Office.

Davy & Davy, Ltd. (P.C.).—Capital 3,000*l.* Objects: Take power of trading, *inter alia*, as chemists and druggists. R.O., Broad Street, Partgate, Yorks.

Abbott Glass Co., Ltd. (P.C.).—Capital 1,500*l.* Objects: To take over the business of F. W. M. Yarrow ("Abbott & Co."), 39a Rockingham Street, Southwark, S.E.

Walter Truefitt, Ltd. (P.C.).—Capital 10,500*l.* Objects: To carry on the business of hairdressers, wig-makers, and perfumers, as formerly carried on by the exors. of C. J. Edney at 1 New Bond Street, London, W., as "Walter Truefitt."

J. E. Terry, Ltd. (P.C.).—Capital 1,000*l.* Objects: To take over from W. Brocklehurst certain secret processes and recipes, to carry on the business of manufacturing, wholesale, and retail chemists, druggists, druggists' sundriesmen, etc. The first directors are O. G. Wegzwalda and W. Brocklehurst (managing director).

Aquæ, Ltd. (P.C.).—Capital 30,000*l.* Objects: To take over the sole agency, concessions, and the like conferring an exclusive or non-exclusive right to use and deal in a natural spring-water known as "Kaiser Water" in the United Kingdom and British Dominions. The subscribers are to appoint first directors. R.O., 226 Piccadilly, London, W.

C. W. Field, Ltd. (P.C.).—Capital 25,000*l.* Objects: To take over the business of a distiller of essential oils, maker of essences, manufacturing chemists, etc., carried on by C. W. Field at 92 Wood Street and at the Cambrian Mills, 2 and 4 Back Colquitt Street, Liverpool. C. W. Field is sole permanent governing director, with 500*l.* per annum as remuneration.

Highwater Laboratory and Manufacturing Co., Ltd.—Mr. G. P. Kidd, 12 Doughty Street, London, was appointed receiver or manager on July 13.

BANKRUPTCY REPORT.

Re Evan C. Ashford, 25 Freehold Street, and 52 Gold Street, Northampton, Chemist and Druggist.—The statement of affairs in this bankruptcy has been issued. It shows gross liabilities 10,394*l.* 13*s.* 6*d.*, of which 7,300*l.* 8*s.* 4*d.* is due to five creditors holding securities valued at 7,620*l.*, leaving an estimated surplus of 319*l.* 11*s.* 8*d.* The amount estimated to rank for dividend is 2,539*l.* 5*s.* 2*d.* The assets are estimated at 707*l.* 9*s.* 8*d.*, reduced by preferential claims to 652*l.* 9*s.* 8*d.*, leaving a deficiency of 1,886*l.* 15*s.* 6*d.* Debtor gives as the causes of failure: "Want of capital, borrowing money at a high rate of interest, losses in connection with mining shares, mineral water, land and company speculations, legal expenses, and depreciation of real property." The Official Receiver states: The debtor (age seventy-one) has been carrying on business in Gold Street, Northampton, as a chemist and druggist for many years past. He states that he began on his own account about forty-five years ago in Gold Street. He then had a capital of 300*l.* of his own money, and borrowed from an uncle 700*l.*, which he has since repaid. He bought the business formerly carried on by a Mr. Welshman, and since that time he has personally superintended the business. The books of account produced consist of day book, debtors' and creditors' ledgers, takings book, and expenses book, which the debtor kept in lieu of a cash book. He never appears to have made out balance-sheets or stock-sheets, or taken any pains to ascertain his financial position. Of the unsecured creditors, 1,657*l.* 17*s.* 6*d.* is due to sixteen creditors for money borrowed. The creditors fully secured hold first charges on the debtor's freehold property, 32 and 32A Gold Street, and Barrack Road, Northampton, and a policy for 500*l.* on the debtor's life. There are also second and third charges on the properties. The debtor first became aware of his insolvency at the beginning of the present year, and has contracted debts since then, but he considered that he would have been able to avoid insolvency but for bankruptcy proceedings taken by a judgment creditor.

CREDITORS' MEETINGS.

Batterham's Drug-stores, Ltd., 16 Fonthill Road, Tollington Park, N.—A meeting of the creditors was held last week, when a statement of affairs was presented showing liabilities 463*l.* 16*s.*, assets 148*l.*, and a deficiency of 315*l.* 16*s.* It transpired that this was a small limited company formed to take over the business of a drug-store proprietor carried on by Mr. Batterham, in order that he might make up prescriptions under the Insurance Act, and he is now desirous of trading upon his own account and taking over the liabilities and assets of the company. It was proposed that the liquidation should be effected, and the business sold by the liquidator to Mr. Batterham for an amount sufficient to pay the creditors in full by instalments, Mr. Batterham to pay 10*l.* per month on account of the purchase price, which would permit of a payment of 20*s.* in the pound by instalments at four, eight, twelve, and sixteen months. It was ultimately resolved that the liquidation should be effected by Mr. Herbert, who would confer with the chairman (Mr. Denton, of Messrs. S. Maw, Son & Sons) and the Association of Manufacturing Chemists, Ltd.

W. A. Peak, chemist and druggist, 39 Fore Street, Hertford.—A meeting of the creditors interested herein was held last week, when a statement of affairs submitted showed liabilities totalling 272*l.* 9*s.* 10*d.*, of which 114*l.* 13*s.* 10*d.* was due to the trade, the balance being in respect of cash creditors' claims. The assets were estimated to produce 230*l.* 9*s.* 9*d.* After allowing 159*l.* 14*s.* 2*d.* for the claims of the preferential creditors, the estate showed a deficiency of 201*l.* 14*s.* 3*d.* It transpired that the debtor had previously made an arrangement with his creditors in 1906, when he paid a composition of 5*s.* in the pound, the liabilities being then scheduled at 986*l.*, with assets of 89*l.* In January 1909 he bought the business at Hertford from the trustee at a purchase-price of 302*l.* 13*s.* 10*d.* For the last five years the turnover has averaged 500*l.* per annum, with a gross profit of 33⅓ per cent., while the expenses, including drawings, have totalled 248*l.* After some discussion it was resolved that the debtor should be called upon to execute a deed of assignment to Mr. Montague White, who will proceed at once to realise the estate to the best advantage. The following are creditors: S. Maw, Son & Sons (28*l.*); The British Drug Houses, Ltd. (14*l.*); W. J. Bush & Co., Ltd. (6*l.*): May, Roberts & Co., Ltd. (10*l.*); Meggeson & Co., Ltd. (8*l.*).

MARRIAGES.

Authenticated notices are inserted without charge.

Idris—Lewis.—At the C. M. Church, Mold, by the Rev. John Owen, the Rev. Owen Owens, and the Rev. G. Parry Williams, M.A., on July 28, Walter Howell Idris, son of Mr. T. H. W. Idris, J.P., of "Avalon," Highgate, to Jeanie, only child of the late Samuel Lewis and Mrs. Lewis, of "Dolgoed," Mold.

Kego—Watson.—At 11 Collbridge Avenue, Murrayfield, on July 16, by the Rev. William Watson, M.A., West Kilbride (brother of the bride), and the Rev. J. Mitchell Watson (uncle of the bride), Robert Kego, Glasgow, to Dora Watson, chemist and druggist, youngest daughter of the late Rev. William Watson, Kirkcudbright. [Corrected notice.]

Sleigh—Copland.—At 38 Grosvenor Place, Aberdeen, by the Rev. George Henry Donald, M.A., on July 24, John Lumsden Sleigh, chemist and druggist, to Jeannie McKay, eldest daughter of the late Edward Copland, decorator, and Mrs. Copland, 38 Grosvenor Place, Aberdeen.

Tolmie—Borthwick.—At Kincardine-on-Forth, by the Rev. Robert Munro, B.D., assisted by the Rev. John Rankine, M.A., on July 21, Peter Morrison Tolmie, L.R.C.P., to Margorie Isabella, only daughter of the late Richard Borthwick, chemist and druggist (of the late firm of G. & R. Borthwick, Alloa), and of Mrs. Borthwick, Rosebank, Kincardine-on-Forth.

Whiffen—Thomas.—At St. Andrew by the Wardrobe, Doctors' Commons, City, by the Ven. Archdeacon of Montgomery, assisted by the Rev. P. Clementi-Smith, M.A., rector of the parish and chaplain to the Lord Mayor, on July 22, Harold Alfred, second son of Mr. Thomas J. Whiffen, of Cerris House, Putney, and Barn Rocks, Aldwick, Sussex, to Mary Joyce, youngest daughter of the Rev. John W. Thomas, M.A., Vicar of Holywell, North Wales.

Silver Wedding.

Tomkins—Hemings.—On August 3, 1889, W. Kingston Tomkins, pharmacist, to Mary, third daughter of the late Mr. William Hemings, barrister-at-law. [Present address, the Bankstown Pharmacy, Sydney, N.S.W.]

DEATHS.

Authenticated notices are inserted without charge.

Benson.—At Beechgrove, Sydenham, London, S.E., on July 21, Mr. S. H. Benson, principal of S. H. Benson, Ltd., advertising agents, Kingsway, London, aged fifty-nine. Mr. Benson, whose death was briefly reported in the *C. & D.* Supplement last week, had a remarkable career, having entered the Royal Navy and served during the Ashanti war in 1873-4, subsequently in the Congo, at Dahomey, and at Suez in 1882, receiving the Ashanti and Egyptian medals as well as the Khedive's Bronze Star. He was invalided from service in 1882, and, coming home, had experience in various commercial pursuits, including the Bovril factory in London. In September 1893 he commenced an advertising business on his own account in a small way, but backed up by the late Mr. J. Lawson Johnston, for whom he had done good work while with Bovril, especially in the organisation of the War Employment Bureau, which Mr. Johnston started in 1899 during the South African war. Mr. Benson also helped to organise Bovril advertising, and when he started the business on his own account he directed that advertising, as well as the Press publicity of other firms, and the business grew greatly and became a limited company; his son, Mr. Philip de C. Benson, latterly associated with his father as managing director, is now taking his father's place as governing director.

Brown.—At Sydney, N.S.W., on May 29, Mr. John Brown, chemist, aged sixty. At the time of his death Mr. Brown was managing Mr. S. C. Haslam's business in

Elizabeth Street, Sydney. Previously he was in business on his own account in Braidwood for some sixteen years. He was a native of Glasgow, where he was associated with the firm of Brown Bros., Ltd., Trongate, Glasgow, at which establishment he served his apprenticeship. He afterwards emigrated to Australia, accepting a position with Mr. L. L. James, Flemington, Victoria. Mr. Brown leaves a widow and three children. His only son, Mr. J. S. Brown, is engaged at Durno's Pharmacy, Pitt Street, Sydney.

Evans.—At Brentwood, Bidston, Birkenhead, on July 25, Anne Jane, wife of Mr. William P. Evans (Messrs. Evans Sons Lescher & Webb, Ltd.). The funeral took place at Bidston Parish Church on July 28, the coffin being taken to the church on a bier wheeled by two very old servants of the family, a coachman, who had been in the service upwards of twenty-five years, and a gardener who had worked for Mrs. Evans for twenty years. The organ for the service was played by Mr. Wilfred Nation, a life-long friend of the family. The two wreaths on the coffin were from the bereaved husband and children. Besides Mr. Evans's children, brothers, and nephews, members of the Hanover Street staff were present, as well as representatives of the Liverpool Chemists' Association. Mrs. Evans was highly respected in the district, and had done much philanthropic and social work in an unostentatious manner, and had been of great assistance to her husband in his work as Chairman of the Parish Council and other public offices.

Fotheringham.—At 14 Maule Street, Carnoustie, on July 22, Mr. William Fotheringham, chemist and druggist, Larkhall (late of Dalry and Kilbirnie), aged thirty-seven.

Thomson.—At New Deer, Aberdeenshire, on July 21, George Bruce, eldest son of Mr. George Thomson, chemist and druggist.

Walker.—At Ettrick Bank, Melfort Avenue, Dumbreck, Glasgow, on July 27, Mary Kennedy, wife of Mr. John Walker, J.P. (Glasgow Apothecaries' Company, Ltd.).

PERSONALITIES.

Authenticated information for this section will be received by the Editor, and published, if not in the nature of advertisement.

Mr. James Wright, of Calcutta, who has been spending a holiday in this country, left London this week per *Kaga Maru* for Calcutta *viâ* Colombo.

Mr. Hubert Gibson, Ph.C., has given up his business in Bridge Street, Runcorn, which he has conducted for ten years, having graduated in medicine.

Mr. Robert Gawler, M.Sc., F.I.C., F.C.S., chemistry master at Dewsbury Technical School, has been appointed head of the chemistry department at the Leeds Technical School.

At the July examinations of Trinity College, London, Miss Annie Gilmour, only daughter of Mr. and Mrs. J. P. Gilmour, Glasgow, passed for the Associateship qualification (Teacher's diploma).

Mr. Edwin R. Cooper has relinquished his position with the H. K. Mulford Co. in order to represent Messrs. A. & M. Zimmermann, 3 Lloyd's Avenue, E.C., in the South of England.

Mr. Charles E. Gardner, director of Wm. Gardner & Sons (Gloucester), Ltd., and a member of the Gloucester City Council, has been appointed a Justice of the Peace for the city of Gloucester.

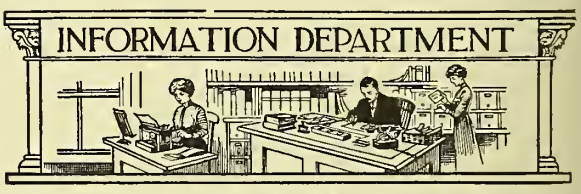
Mr. Walter Idris, one of the directors of Messrs. Idris & Co., Ltd., Pratt Street, Camden Town, was on the occasion of his marriage presented by the employés of the company on July 25 with a wedding present. Mr. J. F. Odgers made the presentation, the gift being a complete canteen of plate and cutlery. Mr. Walter Idris made a happy reply.

Mr. D. R. Thomas, sole proprietor of the business of Messrs. Cousins, Thomas & Sons, chemists, Oxford, is a well-known breeder of Tanyrallt hackney ponies. He had a sale of them recently at the stud, Tanybont, near Aberystwyth, chiefly of yearlings and two-year-olds. In the case of two of the ponies the reserve prices were not reached, but 600 guineas was bid for one of them. Mr. Thomas has three sons following pharmacy, all under twenty-one years of age, two having last month passed the College of Preceptors' examinations. The eldest son is an assistant with Mr. Corder, of Norwich, and will enter the School of Pharmacy next session.

Mr. David Gilmour, Ph.C., member of the Pharmaceutical Council, is the subject of a two-column article in the "Dunfermline Journal" of July 25. The greater part of the article deals with Mr. Gilmour's pharmaceutical career. His local doings and personal accomplishments are less familiar to British pharmacy, and they move the "Journal" to conclude its appreciation with these remarks:

"A worthier citizen of Dunfermline could not easily be named; and as long as unadulterated patriotism, inspired and sustained by religious conviction, is regarded as the expression of the highest type of public service, a man like Mr. Gilmour can never fail to be regarded by his fellow-citizens with gratitude and pride."

Mr. John C. Hewlett, F.C.S., managing director of Messrs. C. J. Hewlett & Son, Ltd., Charlotte Street, London, E.C., has just returned from a trip to South Africa. He left England in the first week of March, and reached Cape Town on March 23, from there going on to Kimberley, Bloemfontein, Johannesburg, Buluwayo, and the Victoria Falls, then went back to Maritzburg, and thence to Durban, whence he went by the *Gascon* round the East Coast to Zanzibar and through the Suez Canal and the Mediterranean to Marseilles, thence overland to Paris and London. While in South Africa Mr. Hewlett arranged for the representation of his company's business interests there by Mr. Samuel Rowson, who is well known throughout the Union, and whose headquarters are Cradock, Cape Colony.



Postal Address:
C. & D. INFORMATION DEPARTMENT, 42 Cannon Street, London, E.C.
Telegraphic Address: "CHEMICUS CANNON LONDON" (two words)
Telephone Number: BANK 852 (two lines).

INFORMATION WANTED.

Postal or telephone information as to the names and addresses of the agents for or makers of the undermentioned articles is solicited. Please address as above.

43/42. Axelrod's Kefir Bacilline: supply.
44/42. "Anadecktene"—prepared by Brodie & Middleton—a solvent for varnish.
44/60. "Uro-Sepsin."
44/61. Citronade tablets.
44/65. "Pulv. Kaserite."
42/56. "Radium Salve."
42/560. "Aloids."
42/561. Brand's patent hot-water bottle.
44/8. "Indian Rose" perfume: makers.
42/11. "Saratoga" max. and min. thermometers.
42/1. "Purganol": supply.
42/100. "Chocolan."
45/10. Stuart's golden oil.
45/100. Dr. Bowman's consumption-cure.
45/101. "Moonshine," for cleaning marble.
45/9. "Mater" soothers.
44/18. "Dasco" plate-powder.
45/44. Dr. Kirk's "Xmakur" soap.
48/7. Cooper's isinglass.
47/39. Bailey's ice shampoo-powders.
48/47. Cutine soap.
48/50. Kromeyer's hair stillette.
46/23. "Adora" rubber gloves.
46/230. "Reliance" razor-strop.
46/17. "Orivole."
46/74. "London Extract of Mustard."
46/740. "Devonport" or "Deavensport" specific.
46/741. Waldron's Beta-Naphthol soap.
41/74. "Formoform": supply

OBSERVATIONS AND REFLECTIONS.

By Xrayser II.

Your Summer Number

presents, as usual, an almost bewildering variety of topics. Apart from those connected with the Conference, the articles on pharmacies, and especially those on old provincial pharmacies at home and abroad, interest me most. I confess to a feeling of regret when I see a beautiful old front, like that of the shop at Loddon, replaced by a modern and comparatively characterless one. The change may be inevitable, but both one's "natural piety" and one's sense of the picturesque is hurt by it. I envy your contributor "C. E. L." the thrill of pleasure with which he must have handled the relics of old time in the pharmacy at Troyes. To find "momie" actually in existence in the twentieth century—what a delightful sensation it must have caused him! I have been asked for preparations as old and curious, but have never been able to supply the veritable article. The invisible inks of the eighteenth century were many. I have an old recipe-book, translated from the French, which contains several recipes, some of them extremely elaborate, which no doubt resemble, more or less, the one supplied to Marie Antoinette by Cadet-Derosne. Your articles on these subjects should be valuable to the historian of pharmacy when he arrives. They remind me of a visit I have just paid to the exhibition, at Burlington House, of Mr. Johnson's finds at Antinoe, when excavating for the Egypt Exploration Fund. Among them are some curious essence-bottles and medical spoons; part of a pair of apothecaries' seales which, so far as pattern goes, might have been made yesterday; a portion of a very valuable botanical papyrus, illustrated by an admirable coloured drawing of comfrey; and other papyri and implements of much medical interest. Not shown, except in illustration, is a medical pot-jar, with part of an inscription in Demotic (the popular form of the ancient Egyptian written character), which has been read as, "The medicine, one sixty-fourth part." Truly art is long, and, though time is fleeting, it carries a good deal of old furniture in its flight.

But the Most Amazing Feature

of the Summer Number is the advertisements. Here are over two hundred gorgeously illustrated pages (to say nothing of insets) addressed, not to an ignorant public, but to men of sufficient general and technical education to estimate their value. And the phenomenon is not an isolated one; it recurs at short intervals, year after year, growing a little in bulk annually, the same old firms, and new firms, competing for business entirely through the eye. I do not profess to understand the psychology of the matter, but the evidence is overwhelming that advertisement pays. There is one reflection of a practical character which, as it is not perhaps obvious to everybody, I may be allowed to make. These advertisements clearly show that our craft is first and last a trade, not a profession. The pharmacist nowadays, whatever may have been the case formerly, will succeed or fail in proportion as he is a good man of business. It is not science, or art, for its own sake, that the most exclusive pharmacist follows. Both science and art have their share in our business, but it is only as means to an end, and that end is, to speak frankly and without cant, as commercial as the grocer's.

The British Pharmaceutical Conference

at Chester, judging by your report, has been a great success from every point of view. The scientific papers are, in my opinion, distinctly more appropriate to meetings such as these than some we have had in former years, and the larger number of them have just that pharmaceutical odour that makes them peculiarly acceptable to pharmacists. Mr. Finnemore's papers deserve high commendation, since he has not only struck new ideas, but has shed new light on some of our cherished notions. The strychnine paper would, however, have been even more valuable had he included an examination into the incompatibility of strychnine solutions with acids, since it is well known that the alkaloid is precipitated in presence of excess of acid. Among other papers that might be mentioned is Dr. Judd Lewis's highly scientific, yet exceedingly practical and elaborate, paper. It is something quite new to me to see an illustration of the spectrum of plant ash, just as it is a revelation to learn that the work was undertaken on behalf of the Research Committee of the British Homœopathic Association. It had never struck me before that the homœopaths would be likely to require original work of this character. The paper by Messrs. G. Stafford Allen and Harold Deane is timely, as well as Mr. Quant's on the bacteriology of pepsin.

The Practice Section

is this year also an improvement on anything yet attempted. The papers are practical, and the discussion following them will be distinctly useful. I rather think that a year ago I suggested a business communication, somewhat after the example of those presented to the A.Ph.A., and this has apparently been taken to heart, since Mr. Barlow's graphically constructed and logically arranged contribution is just along the lines of what I had in mind. Some of Mr. Barlow's ideas are far-fetched, but all of them give food for thought. The business of selling is a complicated affair nowadays, compared with what it was when I started out in pharmacy, though the successful man in those far-off days unconsciously applied Mr. Barlow's maxims, just as he must consciously strive to do now. The contribution of Mr. Peck, whose elevation to the chair is so well deserved, and on which I congratulate him, is a most valuable one, and more will be heard of it in the days to come, since it may form the basis of an official code of ethics. Most of the ideas enunciated are familiar to generations of readers of "The Art of Dispensing," but they are none the less valuable on that account.

The Sterilisation of the Soil

which is said to result in increased productivity is surely something of a paradox. If it be good to sterilise the soil, then one would think a completely sterile soil would be the perfect plant-producer. Nothing of the kind. The soil must be sterilised, and its harmful population killed off, in order that the beneficial bacteria may have a chance to grow. We all know that old gardeners speak of unproductive soil as being "sour." Perhaps this is only a figure of speech, but more than likely there is truth in it. We know, too, the bacteria will not grow in acid media, that, moreover, every organism produces acid as it grows, and it is easy to understand why the addition of any alkali to a soil will increase its usefulness as a medium in which the bacteria useful for plant growth can multiply. This is the explanation of the value of adding lime to the soil, which never occurred to writers on agriculture twenty years ago. It is also the scientific reason why many old gardeners insist on using washing soda round their roses, and saving the "soap-suds" on washing-day. We never understood why these homely methods were so useful. We are beginning to find out now. I have indulged in these reflections after reading once more the address by the Grand Old Man of Science, Sir William Crookes, O.M., at the recent annual meeting of the Society of Chemical Industry in Nottingham.

"SANITAS"

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This latest "Sanitas" line is put up in
1-lb. tins ... ... 1/- 2-lb. tins 1/9
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Also RECTIFIED SPIRIT
S.V.R.
Jas. Burrough Ltd. D.I. Cale Distillery, Hutton Rd., LAMBETH, S.E.

Wootton's "Chronicles of Pharmacy."

By arrangement with Messrs. Macmillan & Co., Ltd., we are able to offer this work (published by them at a guinea net) to "C. & D." Subscribers at 7s. 6d. carriage paid in the United Kingdom, and 8s. 6d. Abroad. The work is by the late A. C. Wootton (for many years Editor of "The Chemist & Druggist"), and is in two volumes, bound in maroon cloth. The twenty-four chapters deal with every phase of the history of chemical and galenical pharmacy from the earliest times, and include biographies and portraits of many noted men in medicine and pharmacy. The "Chronicles" tell about the origin of the more popular medicines and trace their development to official status. Most fascinating and readable to pharmacists, who are advised to secure a copy by ordering from

"THE CHEMIST & DRUGGIST," 42 CANNON STREET, LONDON, E.C.

"MILK OF MAGNESIA"
(Registered Trade Mark)
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For special terms apply to THE CHARLES H. PHILLIPS CHEMICAL CO.,
(See page 9, 3rd issues.) 14 Henrietta Street, Covent Garden, W.C.

FRENCH AND ALL FOREIGN
Proprietary
MEDICINES
Wilcox, Jozeau & Co.
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Export and other Buyers should apply for a List. " " "
" " Foreign prescriptions dispensed for Pharmacists.

GRIMBLE'S
MALT
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LONDON, N.W., & EDINBURGH

FLETCHERS' FOR TINCTURES, INFUSIONS, AND SYRUPS.
CONCENTRATED
Sole Proprietors:
FLETCHER, FLETCHER, & CO., Ltd.
London and Sydney.
LIQUORS

Editorial Articles.

War Prices.

The news of the declaration of war by Austria-Hungary against Servia was received with feelings of consternation in the City on Wednesday, and its immediate effect was to bring about an acute depression in the Mincing Lane produce-markets and a reluctance to enter into any commitments. On 'Change the outlook was freely discussed, fervent hope being expressed that the area of the conflict would be localised. At a crisis like this the feeling is one of uncertainty as regards prices, there being no inducement to buy or sell, except for actual current requirements. There are, however, certain drugs and chemicals which would be immediately affected by a European war, and already there is an evident restraint in offering such articles as carbolic acid, acetate products, German alcohol, and potato products like dextrin, farina, etc. In regard to carbolic acid, prices are already higher in several directions, but it must be said that values have been very depressed for a lengthy period, and they are still very low owing to over-production and keen competition. The same applies to all acetic products, especially acetic acid, large stocks of which exist on this side; but now the formerly anxious sellers have disappeared, and prices are more or less a matter of negotiation. We are dependent upon Germany and Austria for the supply of many drugs and chemicals, and an embargo would at once be placed on such raw materials required for war purposes, while in the deplorable event of a blockade of the North Sea no supplies of fine chemicals would reach this country. It would therefore appear advisable that buyers should cover their requirements for articles likely to be affected. It will be remembered that during the Russo-Japanese War the Iodine Convention took the opportunity to raise the price of iodine considerably. This is an eventuality that might easily occur again, as there is likely to be a large demand for iodoform.

Stamping Dutiable Medicines.

We have commented on several occasions during recent years on the manner in which dutiable medicines are sold in shops that hang on the skirts of the retail drug-

trade, and are glad to observe that the Commissioners of Customs and Excise have at last discovered that they exist, and prosecuted several in London. The heavy fines which have been imposed upon such proprietors for carrying on their business without patent-medicine licences and selling dutiable medicines unstamped may help to control, if not repress, such trade. The Revenue authorities have not yet, however, touched one department of such businesses—namely, that in these places "known, admitted, and approved remedies" are not uncommonly exposed for sale, which also is illegal. Although the penalties imposed last week were heavy, it may be noted that the law provides other possibilities of punishment. In one of the cases it was urged on behalf of the defendant that the decision in Farmer *v.* Glyn-Jones applied, because, said the defendant's solicitor, "we buy wholesale, as the chemist did in that case. We are not the original and first vendors of any of these commodities, and have no prescriptive right in them at all." That defence was set aside by the Magistrate, but had he sustained it the consequence to the manufacturing and wholesale trade would have been very serious, because the onus of stamping lies upon them, and they can be got at by sections of the 1802 and 1803 Acts, if not by Section 2 of the 1812 Act, which hitherto has been interpreted (officially) to refer to retailers. Strictly speaking, the law as to stamping is that as soon as a dutiable medicine passes in the manufacturer's premises from the bulk condition into a form ready for selling by retail, it should be stamped; further, if manufacturers who are also packers send unstamped packets of the dutiable medicine to any person for the purpose of selling the same again, that person is required by Section 2 of the 1803 Act to return the same to the manufacturer and packer within ten days, or in that time give information to the Commissioners of Customs and Excise and deposit such article or articles with the nearest distributor of stamps, otherwise the receiver shall forfeit the sum of 20*l*. There is a certain amount of disregard as to these matters, probably owing to the fact that some of the penalties which can be inflicted are forgotten or are overlooked, largely because the practice of the Revenue authorities has been to enforce the penalties only when sales are made by retail to the public. We think it will be to the interest of manufacturers and wholesalers to give greater attention to the matter. Sooner or later (perhaps sooner rather than later) the Revenue authorities may be compelled to exercise all the powers which they possess in order to (1) circumscribe the patent-medicine business, (2) help to shut up shops of the kind in question, and (3) secure all the duty that the Exchequer is entitled to get. The final sittings of the Select Committee on Patent Medicines must be regarded by all sections of the trade as the penultimate stage of the attack upon the patent-medicine business or portions of it: the reports which we are now publishing (*C. & D.*, July 25, p. 196, and one on p. 51 of this issue) reflect an internal struggle the results of which are awaited with the keenest interest. It is apparent that the report under discussion by the Select Committee is strongly controversial in character.

Is London on the List?

We reported in The Chemist and Druggist of July 18 (p. 56) that the Drug Fund of the London Insurance Committee is threatened by over-prescribing. So far, London has been singularly fortunate in regard to this matter, 1913 accounts having been paid in full, and the doctors got a slice out of the floating sixpences. But this year, in common with other parts of the country, the first quarter's demand upon the Drug Fund is exceptionally high. Hence our report of a fortnight ago, also the immediate action taken by the London Panel Committee to do what it can to counteract or prevent the discounting of chemists' bills by sending a letter to every practitioner on the panel calling attention to the unduly expensive medicines or excessive quantities of them prescribed. In our Summer Issue (pp. 138 and 139) we printed the list of articles regarded by the Drugs and Appliances Sub-Committee of the Insurance Committee as not being "proper and sufficient drugs and medicines and prescribed appliances required to be provided for insured persons" under the National Insurance Act. They recommended the Insurance Committee not to pay for these articles after July 31, but this recommendation was not adopted by the Insurance Committee at the meeting which took place after the *C. & D.* had gone to press. This is the first exploit of the Drugs and Appliances Sub-Committee, which was appointed two months ago, and whose headquarters are at 17 Bloomsbury Square. The policy of the Insurance Committee as regards proprietary articles has been to pay for them, and it is still doing so; nor was this policy changed on July 31. It is important to repeat this statement, because we learn that some chemists in London have not observed that the Sub-Committee merely *recommended* the change of policy, and this recommendation was not accepted last week. The Panel Committee were not in favour of the course pursued by the Drugs and Appliances Sub-Committee, for at the meeting already referred to the following resolution was come to (*C. & D.*, July 18, p. 56):

> The Panel Committee are of opinion that, although the publication of a list of articles which may not be charged to the Drug Fund is undesirable, practitioners on the panel should receive some guidance as to what may and what may not be supplied at the cost of the Drug Fund, and that it be referred to the Pharmacy Sub-Committee to take the necessary steps in the matter.

We cannot compliment the Drugs and Appliances Sub-Committee on its sense of appropriateness and fitness of things. It will be observed (p. 51) that Mr. William Thorne, mentioning the matter in the House of Commons. This, no doubt, arises from the letter of a Stepney practitioner (Mr. Harry Roberts, L.S.A.) which had the distinction of a place on the leader-page of "The Times" last Saturday. The way that Mr. Roberts puts the matter is this:

> An attempt is now being made to bring pressure to bear upon doctors to prescribe cheaper drugs. Doctors are to be surcharged with the cost of any prescription above a certain average, no matter what may be their beliefs as to the efficacy of more expensive preparations. To those of us who have little belief in drugs, little hardship will be caused. But to doctors who take their materia medica seriously the hardship may be a very serious one. The effect undoubtedly will be to make doctors prescribe for insured persons none but the cheapest of mixtures, and avoid the use of many of the most valuable if somewhat expensive therapeutic agents. If the chemists find the Drug Fund insufficient to meet their bills, and it is not thought practicable to increase the Drug Fund, other than by fining the doctors, surely it is but equitable that any doctor against whom the Pharmaceutical Committee raises a charge of excessive prescribing should be given the opportunity of doing or organising his own dispensing, as is done by country practitioners. Such a course would be welcomed by many doctors, and by nearly all insured persons.

This letter shows what some London doctors' thoughts are about the matter; the Panel Committee appear to be of the same way of thinking. "The Times" has printed letters by Mr. H. Wippell Gadd and Mr. W. A. Whatmough in reply to Mr. Roberts, both these pharmacists treating the matter as one of discounting generally, whereas the immediate occasion of Mr. Roberts's letter was the circular-letter of the London Panel Committee. The question of paramount importance is, How may discounting of London panel chemists' accounts be prevented? Transference of the checking from the Insurance Committee to the checking department at Bloomsbury Square was effected largely, if not chiefly, in order that the prescriptions of every panel practitioner might be so scrutinised that excessive prescribing could be detected at once, and stopped if the Insurance Committee so desired. Facts and figures ought to be available now, and might be useful in assuring panel chemists and others. The compilation of a list of proprietaries recommended to be banned is, however, all that is forthcoming at present, and this may be due to something else than threatened discounting. The fact that the Insurance Committee has not accepted the recommendation strengthens the alternative, but we understand that a shorter list is in preparation at Bloomsbury Square.

The Art of Perfumery.

"A new industry has come to London, come to stay and to grow—the making of that most popular of perfumes, eau-de-Cologne."

So says the "Daily Chronicle," which proceeds, in the issue of July 24, to tell how—

"The idea came to the head of the perfume department at Selfridge's. He made inquiries in France, and in an old monastery came across a jealously guarded recipe for this perfume. He obtained a copy, and the result has been the production of a scent which customers declare to be more lasting and more refreshing than the imported variety. The ingredients may be named, for the secret lies only in the proportions in which they are blended. They are:

Oil of neroli (obtained from orange-blossom).
Oil of petit grain (obtained from orange-leaves).
Oil of bergamot (obtained from the rind of bergamot).
Oils of lemon and sweet and bitter oranges (from the rind).
Oil of rosemary."

They do some remarkable things at Selfridge's, but surely nothing so wonderful has ever been done as to induce the "Daily Chronicle" to believe that the making of eau de Cologne is a "new industry for London." It was being made here before "the head of the perfume department" was born, we venture to say.

An Edinburgh newspaper, commenting on the matter, says:

Every little chemist was (and possibly still is) in the habit of making an excellent variety. The following formula, which gives a fragrant, refreshing blend, was published by The Chemist and Druggist more than twenty years ago:

Essence of bergamotte	2 drachms
Essence of lemon	1 drachm
Oil of neroli	20 drops
Oil of origanum	6 drops
Oil of rosemary	20 drops
Rectified spirit	1 pint
Orange-flower water	1 oz.

This quantity—a fairly large one as perfumes go—would cost several shillings, but almost any chemist would make up an ounce or two.

An Old English Perfume.

"The Times" appears to be no better informed regarding that fine Old English perfume lavender-water than its Radical contemporary is about eau de Cologne. The following observations occur in an article printed on July 29:

Distilling Lavender-water.

Why does no one do this now? All you want is a little glass still and a Bunsen burner. The flowers and a certain proportion of spirit and water are put in a glass retort, which is poised on an iron tripod above the Bunsen burner. As the heat increases the perfume rises and passes in the form of vapour by means of a glass tube from the retort into the glass tube of the condenser. The condenser consists of a glass tube surrounded by cold water, which condenses the fragrant vapour into liquid oil of lavender. From the condenser the oil droppeth "as the gentle dew from heaven" into the receiver beneath. Double lavender is lavender twice distilled.

Strangely enough, English lavender surpasses the lavender that comes from Southern Europe. There is something in the ascetic air of the north that extracts a subtler sweetness from the plant. Mere foreign oil is sometimes used in the preparation of paints and varnishes, and so, in a way, it ministers to the cause of art. A finer kind takes its place among the many fragrant things that make the famed "water" of Cologne almost as refreshing as lavender alone.

The very name "lavender," from the old Latin root that means "to wash," comes from the practice of laying lavender among linen.

The correspondent who wrote that apparently never made an ounce of lavender-water. Perhaps retail chemists may save some of their customers a great deal of trouble and much expense by selling them a bottle or two of the good old perfume. It will save the still licence duty also.

Poor-law Dispensers.

The officers of the Public Dispensers' Association have given evidence before the Departmental Committee of the Local Government Board, as well as the officers of the Pharmaceutical Society and representatives of the Apothecaries' Society. It is to be hoped that the argument for tenure of office for pharmacists has been well pushed, as it is of importance to the members of the craft who hold Poor-law appointments that they should have equal tenure with the stewards and matrons, whose office in neither case demands a statutory qualification. This is not only necessary for the security of their position, but the dividing-line of a first-class or second-class officer is generally arrived at on this question of security of tenure.

Discretion about Medicated Wines.

The "Alliance News and Temperance Reformer" is the organ of the United Kingdom Alliance, and states in the issue of July 23 that the expenses in the libel action against the Alliance and others by the proprietors of Bendle's Meat-Port Nutrient "amount to a prodigious sum—already estimated at 7,000*l.*—and the raising of the same will impose an enormous strain upon the resources of the Alliance." On the page following the subjoined explanation occurs regarding "Bivo" beef-and-iron wine, panopepton, and vana:

"We have ourselves thought it right, in view of some misconception as to the mention, in certain of our publications dealing with the analyses of medicated wines, of products of the well-known manufacturing chemists, Messrs. Burroughs Wellcome & Co., of Snow Hill Buildings, London, to make a statement in terms approved of by that eminent firm. 'Bivo' beef-and-iron wine is not to be included among those medicated wines which cannot be sold without a licence, for it is not sufficiently palatable to be taken as a beverage, and 'Bivo' beef-and-iron wine contains at least as high a percentage of iron as the iron-wine of the British Pharmacopœia—described by ourselves as a real medicated wine. Other products associated with this firm, whose name is a household word with thousands of our readers, are articles known as 'Vana' and 'Panopepton.' These articles were only mentioned in our publications for the exclusive purpose of comparing their respective alcoholic strength with those of the patent medicines and tonics in the list of which they were included. It gives us great pleasure to make this statement."

Apart from any legal incidence, such explanations as this should have been made before the Select Committee on Patent Medicines had concluded hearing witnesses.

ADVERTISING IDEAS.

A Folder.

Mr. W. Kingston Tomkins, the Bankstown Pharmacy, Sydney, N.S.W., sends out with parcels and letters a neat folder, which has on the front page a picture of his pharmacy, and on the last page a portrait of the proprietor. The inner pages are as follows :

When not too Good!

Don't waste time and money trying everything that Mrs. So-and-So or Mrs. Such - and - Such recommended as having done THEM good. There are no two faces alike, neither are there two constitutions alike, and there is no CURE-ALL ever yet made.

If you call and consult me I will advise you what to do in your own individual case.

Now, as to Quality!

Everything that I stock is of the best obtainable; I have no time for cheap rubbish.

When you are ill, oftentimes life or death depends on that little word—quality.

A cheap watch or a cheap hat is not so important, but ofttimes so-called cheap drugs cost you very dear.

Seaside Visitors.

Some chemists at seaside and other health-resorts make a point of sending out circulars and other advertising literature to all the visitors whose names are given in the local "Visitors' List." Others obtain advance information in other ways. As an example of a circular suitable for a good-class trade, the following may be given. It is in use on the Norfolk Coast :

As a visitor to the —— district, you may be glad to know of a reliable chemist where you can get your prescriptions dispensed and obtain invalid requisites and high-class toilet-preparations.

In introducing my pharmacy to your notice, I may say that I have been established in —— over twenty years; I possess the highest qualification by examination of the Pharmaceutical Society, being a pharmaceutical chemist. I make a speciality of dispensing, and can offer you the guarantee of highly trained and experienced service, together with the highest quality of medicines and articles supplied, while my prices are moderate and fair. All the requirements of high-class pharmacy are met with in my establishment, and I beg very respectfully to invite your patronage and confidence.

An Opening Circular.

Mr. J. Austin Bayes, M.P.S., has opened the Clifton Pharmacy, Clifton Road, Rugby, and sent out a circular the substance of which we reproduce :

May I express the hope that by opening at the above address I am going to be of service to you?

For a number of years I have been at Fenny Stratford, but the opportunities for development there are so limited that I decided to open a business in Rugby.

It has always been my aim to render the best service to my customers, and I think I have succeeded in that object, as the enclosed testimonials from my old customers will show.

I should not care to bore you with technical details of my stock, but I should like to assure you that I handle only goods of the best quality, and that I sell at very reasonable prices.

Service will be the keynote of my business. For instance, if any article you require is not in stock, I shall obtain it for you at once. If any article you purchase is not satisfactory, you have only to say so and it will be exchanged or the price paid will be refunded, just as you wish.

As I am a dispensing chemist, and my premises are near your home, I am hoping to be favoured with your prescriptions, and you may be sure that I shall devote every care and attention to carrying out the doctor's instructions.

In order that you may test some of my new toilet-preparations just as they arrive in fine condition from the manufacturers, I am making a special offer for thirty days.

If you will kindly glance through the list enclosed you will find many attractive offers of dainty specialities for the toilet, which I am sure will be very much appreciated at this season.

I feel that in reducing the prices of these specialities for thirty days it will prove an extra inducement to many to make their first purchase at my shop.

Should you find it inconvenient to make your purchases personally, your requirements indicated on the enclosed postcard will receive my personal attention.

WESTMINSTER WISDOM.

The Week in Parliament.

Patent Medicine Committee.

Our Parliamentary correspondent learns that a further prolonged sitting of the Select Committee on Patent and Proprietary Medicines was held on Tuesday at the House of Commons. Sir Henry Norman, the Chairman, again presided. Altogether, the meeting lasted for some hours, and, as the result, about one-half of the draft report has now been disposed of. There is reason to believe that at Tuesday's sitting of the Committee several modifications of the Chairman's original draft report were agreed to. These, it was stated, were in the direction of making the general tenor of the report somewhat less stringent towards the manufacturers of proprietary and patent medicines than was suggested by the original draft report of Sir Henry Norman. For instance, it is stated that the original report contained specific references to certain widely advertised "cures," the name of the proprietary article being given. It is understood that at Tuesday's sitting the actual "cure" and the name of the proprietor were eliminated, the "tonic," the "syrup," or the "pills," as the case may be, being left shrouded in anonymity and only vaguely hinted at. The Committee held a further sitting on Thursday, but it was doubtful even then whether the consideration of the report will be concluded. Mr. O'Grady, M.P., was present at the meeting.

Assistants to Chemists and Druggists (Qualification) Bill.

Mr. W. S. Glyn-Jones's Bill was down for second reading on Monday, July 27, but was not reached. There is no probability whatever of any progress being made with the Bill in the course of the present Session.

Trade in Fertilisers.

Mr. Runciman informed Mr. Charles Bathurst on Tuesday that although in certain cases no criminal proceedings can be taken under the Fertilisers and Feeding-stuffs Act against a manufacturer in respect of goods re-sold by a retailer, the purchaser is not deprived of his civil remedy.

Importation of Plumage Bill.

This Bill, as amended in Standing Committee, was formally put down for Monday last, but was not dealt with. It is doubtful whether any further progress will be made with the Bill in the course of the present Session. Mr. W. S. Glyn-Jones, M.P., has a large number of amendments on the paper, and it is recognised that, had it not been for the hon. member's criticism, the Bill, which is in some respects ridiculous, might have gone through before now.

Tonic Foods.

In the House of Commons on Monday, Mr. William Thorne asked whether Medical Benefit to insured persons includes the provision of proprietary tonic foods; whether in certain conditions of ill-health drugs are of little value, and effective treatment can often be given with suitable concentrated food; and if medical practitioners will be allowed at their discretion to prescribe on the lines indicated.—Mr. Wedgwood Benn replied that insured persons are entitled to proper and sufficient medicines as part of their Medical Benefit, and the question whether any particular compound or preparation is included within that category falls to be decided in the first instance by the Insurance Committee on the circumstances of the individual case.

Excessive Prescriptions (Northumberland).

In the House of Commons on July 23, the Marquis of Tullibardine put to the Chancellor of the Exchequer the question printed in the *C. & D.* last week, p. 196, as to excessive prescribing by Northumberland panel practitioners.

Mr. Wedgwood Benn, in reply, said the reports to which his attention had been drawn are to the effect that if excessive prescribing were permitted to continue the

chemists would suffer a loss. The regulations contain provisions (to which the Insurance Committee also alluded) enabling the cost of excessive prescribing to be surcharged against the doctors prescribing.

The Marquis of Tullibardine asked whether he might send the hon. gentleman the official document which contained the very words embodied in his question.

Mr. Wedgwood Benn said he would be glad to have any document the noble Lord might wish to send him.

THE BEST DRUGS.

Replying on Monday to a question by Mr. Fred Hall, Mr. Wedgwood Benn stated that the chemists in some areas had been paid under discount pending the result of the scrutiny in progress. The doctors are, however, paid on a different basis, and no such question arises in their case. In the normal course the Tariff is settled, in substance at any rate, before the chemists renew their agreements, but in some cases details have been left for subsequent settlement by general consent. If by overcharging he correctly understood the hon. member to mean pricing inaccurately and not in accordance with the Tariff, such errors are discovered and adjusted when the accounts are examined. In reply to the latter part of the question, if the hon. member will give particulars of any cases he has in mind he will make inquiries.

Mr. F. Hall: Is it not to the advantage of the insured person that he should be supplied with the best drugs? In view of circumstances which have recently occurred, does the hon. gentleman think that insured persons will be able to obtain the best drugs?

Mr. Wedgwood Benn: I think the answer is "Yes."

Mr. F. Hall: "Yes" to which?

SUMMER OUTINGS.

A PARTY of eighty persons employed by Messrs. R. Parkinson & Sons, wholesale druggists, Burnley, had their annual outing on July 25, the day being spent in Liverpool. On the same day about forty girls in the service of the firm had a pleasant day at Bolton Woods.

A PARTY of twenty-five, consisting of the family, friends, and employés of Messrs. Grimshaws, pharmacists, Blackburn, had, on the invitation of Mr. Grimshaw and to celebrate his daughter's recent success in the Minor and Major examinations, a motor-trip to Kirby Lonsdale on Thursday, July 23 At the Royal Hotel there, after tea, the oldest member of the staff presented Miss Grimshaw with a diamond and sapphire ring as a token of the staff's esteem and appreciation of her success. Mr. Grimshaw replied to a vote of thanks to the host and hostess.

THE annual outing of the Peterborough and District Association of Pharmacists took place on July 16, when a party journeyed to London on the invitation of Messrs. Parke, Davis and Co. to inspect their laboratories and works at

Hounslow. Previous to departing for Hounslow, the party were entertained by the firm to lunch at the Pillar Hall, Victoria Station, S.W. On arrival at Hounslow the company were photographed, and were afterwards conducted over the works in two sections. Following this, a lecture on vaccines and sera was delivered, illustrated by lantern-slides, and the party were then entertained to tea at the works. All expressed themselves highly delighted with what they had seen, and the best thanks of the Association were tendered to Messrs. Parke, Davis & Co., and to those who had been responsible for the arrangements for the outing, which was pronounced to be the best ever held by the Association.

Sports.

THE SHEFFIELD CHEMISTS' CRICKET TEAM met the Sheffield Bankers on the Roe Wood Ground, Pitsmoor, on July 23, when the Chemists secured 89 runs (Massey, 25; Harbord, 25); Bankers, 97 (Ellis, 29; Winder, 18).

THE Allenburys Cricket Club met the B.D.H. C.C. on the ground of the latter at Crofton Park on Saturday, July 25, when the play resulted in an easy win for the home side. Scores: B.D.H., 58; Allenburys, 26. This week the return C. & D. League fixture will take place on Wadham Lodge Ground, when a very interesting match should be seen, as both teams have now been beaten once in the competition.

THE B.P.C. Golf Competition took place on Friday morning, July 24, when between twenty and thirty golfing members played over the course of the Chester Golf Club on the estuary of the Dee, about ten miles from the city. We are assured by Mr. D. T. Williams, the Golf Steward, that the pursuit of pharmacy should furnish the budding golfer with initial advantages that the non-pharmaceutical aspirant does not possess. The rotatory motion of the pill-pestle and the perpetual turning on and off of the tap (*aqua pumpi*) supply the wrist with that muscular development so essential to a good exhibition of the royal and ancient game; while the mental contortions experienced in pricing Insurance prescriptions render the marking of a score-card mere child's play! [Who would have thought it?—EDITOR.] The Local Committee provided a trophy for competition, and Mr. W. P. Evans, in addition to being instrumental in securing

[*Photo. Cleworth.*

No. 34.—GROUP OF THE GOLFING PARTY

in front of the Sealand Golf-house. Mr. Alder is sitting behind the bigger cup. The Town Clerk and Mr. Bates, of Southampton, are on his right. Mr. D. Williams is on his left. Behind Mr. Bates is Mr. Presant, of Sangers, and behind the winner, Mr. T. A. White (Southsea).

the use of the green, presented a cup for the runner-up. A north-westerly half-gale was sweeping the links, and it was at once evident that the winner would have to work for his laurels. The course is a fine test of golf; streams and railway embankments are among the natural hazards, and there are so many bunkers besides that it is almost impossible for a bad stroke to escape punishment. The fairway is magnificent, and the greens perfect. The prizes were offered to those who could complete the eighteen holes in the least number of strokes (under handicap), and the returns disclosed that Mr. S. F. Alder, Liverpool (91, less 8), and Mr. W. Bates, Southampton (99, less 16), had tied with a net score of 83, closely followed by Mr. T. A. White (Southsea) with 84. Luncheon was the next item on the agenda, and in this contest all competitors holed out splendidly. A photographic group was then taken by friend Cleworth, after which the victors set out to fight their battle over again. Mr. Alder was able to improve his morning's score by three strokes, while Mr. Bates's game deteriorated to exactly the same extent. Scores: Mr. Alder, 80 net, and Mr. Bates, 86 net. The premier trophy, therefore, remained in the district, while the second prize went to Southampton. A most delightful day was spent, and those participating were enthusiastic over the courtesy of the Chester Golf Club, the excellence of the course, and the perfection of the arrangements.

B.M.A. Annual Exhibition.

THE exhibition of drugs, foods, surgical instruments and appliances, etc., which is one of the features of the annual meeting of the British Medical Association, has taken place this week at Marischal College, Aberdeen, where the eighty-second annual meeting of the Association is being held. The exhibition opened on Tuesday morning, and a fine display of surgical instruments and appliances, electrical and *x*-ray apparatus, drugs, foods, etc., was on view in the two halls devoted to the exhibition. Over seventy exhibits were tastefully laid out, the colour schemes of some of the stands being quite striking, and the exhibition was in every way a success, there being a large and interested attendance of medical men. Quite a feature was the number of electrical appliances shown by such houses as Siemens Bros. & Co., Ltd., the Medical Supply Association, Ltd., and the Dowsing Radiant Heat Co., Ltd.

The medical exhibits were on the accustomed lines, and we deal with those of interest to pharmacists in general in alphabetical order :

The Apollinaris Co., Ltd., exhibited Apenta and Apollinaris waters, and particular attention was directed to the large stone bottle of Apollinaris water. The special advantages claimed for this method of exhibition are convenience and economy, and the fact that the earthenware preserves the water in cool and sparkling condition in heated rooms. In order to keep the water effervescent suitable patent stoppers are sold by the company. Johannis water and Johannis lithia were also shown. The latter provides a mild lithia-water containing a constant and definite amount of lithia salt suitable for regular and continuous use.

The Bayer Co., Ltd., had on hand a large selection of pharmaceutical products, special attention being directed, among others, to the following: "Adalin," well known as a sedative and hypnotic, which, it is claimed, is very largely taking the place of veronal; "Cymarin," the active principle of *Apocynum cannabinum* in pure form, a new cardiac tonic and diuretic, administered either internally or intravenously; "Elarson," a new organo-arsenic compound; "Compound Cycloform Ointment," containing cycloform, witch-hazel, and zinc oxide, incorporated in a specially selected ointment-base and possessing hæmostatic, antiseptic, and pain-relieving properties; and "Istin," a new synthetic laxative allied to the active constituents of rhubarb and senna.

Bovril, Ltd., showed their well-known product, and prominence was given to their specially concentrated "Invalid Bovril" as being particularly suitable for use in the sick-room.

Brand & Co., Ltd., exhibited the various special preparations for invalids for which they are well known. A new preparation—Ferrocarnis, a pleasantly flavoured solution of iron in organic combination with meat-juice—was also shown.

Burroughs Wellcome & Co. had a most attractive exhibit, special prominence being given to "Laxamel," a palatable preparation containing 80 per cent. of "Paroleine" in jelly form, and to the use of "Kepler" malt extract for adjusting the carbohydrate-content of milk in humanising it for infant-feeding. Of the chemicals shown, bismuth salts were given the chief place, special attention being drawn to the use of pure light bismuth carbonate for *x*-ray work. A beautiful specimen of crystallised metallic bismuth deserves special notice. "Infundin," a preparation of the pituitary gland for use in cases of surgical shock or collapse, was shown, the preparation of this and of "Tabloid" thyroid gland from the raw material to the finished article being illustrated in a series of test-tubes. "Wellcome" chloroform, "Vaporole" products, sera and vaccines, "Tabloid" hypodermic cases, and "Soloid" water-analysis cases were prominently displayed. An interesting portion of the exhibit was a selection of first-aid outfits and "Tabloid" medical outfits as supplied to explorers, which are produced at prices ranging from 2*s*. to 40*l*. Special mention must be made of a "Tabloid" splint outfit consisting of a telescopic arrangement of splints which may be extended to the desired length, giving a rigid splint easily portable.

Buxton Mineral Waters and radioactive thermal waters were advertised and exhibited at Stand No. 66, and diabetic foods and beverages as specially supplied to hospitals were shown by Messrs. Callard & Co.

The Denver Chemical Manufacturing Co. had forward an exhibit of Antiphlogistine; and a most interesting exhibit from a medical point of view was that of Down Bros., Ltd., who showed a large and varied collection of surgical instruments, including many new and interesting models, and the "Up-to-Date" Quadrant model operation-table (made under the firm's patents) and other articles of aseptic hospital furniture.

The Dowsing Radiant Heat Co., Ltd., exhibited a fully equipped radiant-heat bed, showing the latest form of apparatus and also apparatus for giving local treatment.

Fairchild Bros. & Foster had a good exhibit of their specialities, prominence being given to "Panopepton," peptogenic milk-powder, "Zymine" preparations, etc. Attention was specially directed to "Hormonadin," a glycolytic extract of pancreas, designed to present the internal secretion of the pancreas for use in certain disorders of metabolism attributed to faulty pancreatic functioning; and to "Enemose," a sterile fluid containing 60 per cent. by weight of pure nutritive solids, in 1-oz. vials, devised to afford a means of sustaining a patient by rectal alimentation.

Fassett & Johnson, Ltd., as representatives of Messrs. Seabury & Johnson, exhibited a full range of the modern surgical requisites manufactured by them, including Seabury's standard gauzes, packed in patent wood-fibre airtight containers, and folded in such a manner that part of the gauze may be removed and cut off without disturbing the remainder of the package, thus preserving the aseptic and antiseptic conditions of the dressing for any length of time. Seabury's aseptic ligatures in airtight aseptic containers suitable for the vest-pocket, as well as emergency ligatures, consisting of a length of ligature ready threaded, with needle enclosed in glass tube, were prominently shown. "Leucoid," a new ready-made poultice having a kaolin basis, put up in special paraffined boxes so as to retain moisture, was also shown. This product is recommended as an application for all inflammatory conditions. "Gelodurat" capsules, a specially hardened variety of capsule soluble only in the intestinal fluids, was prominently placed, and much interest was shown in a micro-photographic display showing the perfection of Angier's petroleum emulsion.

C. Oppel & Co. exhibited Friedrichshall natural aperient mineral water.

J. Gardner & Son, surgical-instrument manufacturers, made a general display of their instruments and appliances.

Chas. Hearson & Co., Ltd., had a large and interesting exhibit, including opsonic, Wassermann, tuberculin, and other incubators, electric sterilising and drying ovens, electrically heated steam and hot-air sterilisers, etc. Shaking-machines worked by hand, water, and electric power, and centrifuges of varying capacity and speed, similarly worked, were of special interest, as also was Delépine's new model duralumin (a special alloy of great strength and lightness) centrifuge, made to take Delépine's duralumin sediment-tubes, and giving a speed of from 3,000 to 8,000 revolutions per minute.

William Heineman (Rebman, Ltd.) exhibited a selection of medical and scientific books, and also "Rebman" aseptic calf lymph, for which he is sole agent. This lymph is prepared under Swiss Government control, and meets all the requirements of the Board of Trade and the Local Government Board.

The Holborn Surgical Instrument Co., Ltd., had a large and varied exhibit of surgical instruments and aseptic furniture and apparatus.

Horlick's Malted Milk Co. exhibited their popular product and distributed samples at Stand No. 24. It is interesting to note that Horlick's milk is now being specially advocated as a food suitable, in conjunction with outdoor classes, for use to improve the physical condition of school-children. Horlick's patent feeder was also exhibited, the unique points of which are (*a*) the glass stopper is ground in, requiring no rubber washer, and is retained by a spring clip, making it impossible for it to be pulled out; (*b*) the feeder is open at both ends and can be flushed under a stream of water; (*c*) it has no corners, and can therefore be thoroughly cleansed; (*d*) it is graduated as a guide to the quantity of food to be given, and a special valve allows an even supply of air; (*e*) the teat is non-collapsible and transparent, and can be sterilised without affecting its resistance.

Ingram & Royle, Ltd., as importers of all known natural mineral waters, salts, etc., had a comprehensive display of these waters and salts. Special prominence was given to Poland water, an alkaline water specially indicated for the cure of chronic dyspepsia and congestion of the liver (so-called biliousness) and, in virtue of its depurative action, for preventing and dissipating gravel; and to the mineral salts of Vichy, which were shown in several forms—viz., as lozenges (as a corrective of acidity and a help to digestion) and for use as baths and for drinking. Hunyadi Janos water was also in evidence.

Jeyes' Sanitary Compounds Co., Ltd., had an exhibit of the various preparations for which they are noted. Attention was drawn specially to Jeyes' fluid, "Cyllin" and "Cyllin" preparations, and Jeyes' soluble fluid.

Keen, Robinson & Co., Ltd (incorporated with J. & J. Colman, Ltd.), exhibited Robinson's "Patent" barley and "Patent" groats, and mustard, medical mustard-bran, mustard oil, and other products associated with the name of "Colman."

Liebig's Extract of Meat Co., Ltd., displayed Lemco, Oxo (fluid and in cubes), etc. A special feature was made of "Hospital" Oxo, a new preparation of Oxo in peptonised and unflavoured form, made specially for the sick-room and hospital. It is recommended as a very highly concentrated form, more nutritious than ordinary beef-tea and also much more economical.

Mayer & Meltzer had an exhibit of many novel and useful instruments for every branch of surgery. One of the special features of this exhibit was the "Emandem" high-efficiency electric examination lamp.

The Medical Supply Association, Ltd., exhibited the latest patterns of the apparatus for the treatment of obesity by the system of Professor Bergonié for local and general treatment, with the important modification by Dr. Hampson for the treatment of cardiac and circulatory derangements.

Megeson & Co., Ltd., exhibited naso-laryngo respiratory preparations manufactured by them for the Vocalzone Co.—viz., vocalzones, respirable and germicidal pastilles, claimed to be an effective method of treating hoarseness, soreness, and inflammation of the throat and bronchial tubes, owing to their antiseptic, disinfectant, and local anæsthetic properties. Vocalzone gargle, a powerful astringent, antiseptic and sedative, and Vocalzone solution were also shown. The latter is recommended as a very valuable preparation in coryza, nasal catarrh, and other diseases of the nasal passages if used either as a douche or coarse spray. As a gargle or spray it is said to be particularly effective in tonsillitis, quinsy, pharyngitis, laryngitis, and other diseases of the pharynx and larynx. This was one of the prettiest and most effective of the exhibits, the colour of the gargle (red) and that of the solution (blue) harmonising well with the general colour scheme of the exhibit.

Nestlé and Anglo-Swiss Condensed Milk Co. showed Nestlé's Swiss milk and "Milo" food, as well as their other specialities. Special attention was directed to sterilised natural milk (Milkmaid brand), a pure fluid full-cream milk in tins, uncondensed, and specially suitable for export, and to Milkmaid brand pure, rich, thick cream, put up in key-opening tins and free from preservatives.

Parke, Davis & Co. had a handsome exhibit at Stand No. 70. The special features of the exhibit were standardised fluid extracts, "Glaseptic" nebulisers and sprays, "Glaseptic" and "Glasmet" hypodermic and serum syringes, phylacogens, vaccines, and serums, and a large selection of sterilised solutions for hypodermic use in "Glaseptic" ampoules. Of the newer products of modern therapy produced by this firm the following may be specially mentioned: "Argentide," a concentrated stable solution of silver iodide, non-irritating, and which does not stain (10 minims in 4 fl. oz. of water gives a very fine suspension for use as an injection, lotion, etc.), chloretone collodion, for application to cuts, abrasions, etc., superseding court-plaster; "Coagulose," the fibrin ferment of normal blood serum, intended for use in all forms or hæmorrhage due to defective clotting of the blood; hydrated bismuth, an extremely fine suspension of the hydrated oxide of bismuth; "Locosthetic," an isotonic solution for injection prior to dental extractions to obviate pain and bleeding; and pituitrin, an extract of the infundibular portion of the pituitary gland. Thyroprotein (Beebe), 1 per cent., 2 per cent., and 5 per cent. tablets and in sterilised solution in ampoules, a preparation of the pure proteid of healthy thyroid gland without any undesirable accompaniments, was also shown. Special prominence was given to first-aid outfits.

The Charles H. Phillips Chemical Co. exhibited Phillips' milk of magnesia, phospho-muriate of quinine, and Phillips' digestible cocoa, a food beverage. Attention was specially drawn to the use of milk of magnesia as a dentifrice.

The Regulin Syndicate, Ltd., had an exhibit of "Regulin," a preparation of agar-agar with an aqueous extract of cascara sagrada free from bitter principle. It is put up in scales, tablets, and biscuits.

The Saccharin Corporation, Ltd., had a tastefully arranged exhibit of their products, including several new specialities. Special mention may be made of "Trivalin" (Overlach), a harmless substitute for morphine; "Trivalin-Hyoscine," a new combination, hypnotic in high doses and anodyne in low doses; "Phytin," a vegetable phosphate brain-food, which is a calcium-magnesium salt of phytic acid containing 22 per cent. of the natural phosphorus derived from plants, put up in powder and granular form and in cachets and capsules; "Digifolin," a preparation of digitalis-leaves containing all the cardio-active principles free from superfluous and deleterious elements, supplied in tablets for internal administration, and in ampoules for hypodermic injection. "Elbon," a new cinnamic-acid preparation in tablet form, possessing antipyretic and antiseptic properties, specially recommended for use in infective catarrh of the respiratory tract; "Peristaltin," a new glucoside from the bark of *Rhamnus Purshianus*, for administration subcutaneously after abdominal operation as a tonic to the large and small intestines; and "Coagulen (Ciba)," a hæmostatic and styptic, are other new products which were prominently placed. Malto-lactone, a pure malted milk, and dia-paraffin, a product containing 33⅓ per cent. of pure liquid paraffin free from taste and odour, are better-known specialities of this company which were also included in the exhibit.

Savory & Moore, Ltd., had an exhibit of their infants' food, "Valveless" feeder, peptonised-milk preparations, etc. Some new specialities were shown, including "Fructole," a new chemical food prepared from glycerophosphates and red bone-marrow and free from sugar; "Magnesia Compound," an emulsion of the hydroxide of magnesium, recommended as an infants' preservative; "Fructolax," a flavoured hydrocarbon jelly; and "Aphrodont" (dental foam), an antiseptic tooth-paste. The bactericidal powers of this dentifrice are controlled by the Rideal-Walker test in the bacteriological laboratory of Savory & Moore.

Siemens Bros. & Co., Ltd., had a large and interesting exhibit of *x*-ray and electro-medical apparatus. Special prominence was given to the "Siemens" general practitioner's *x*-ray outfit and to a series of Muller and Gundelach *x*-ray tubes fitted with "Siemens" tungsten anti-cathodes. A diathermy apparatus for the application of heat at any desired depth in the body, involving a new electrical curative treatment known as diathermy or thermo-penetration, was also shown. The principle of the apparatus is that of a small wireless transmitter station, but with the difference that the high-frequency alternating current serves only to heat its path through the human body.

Virol, Ltd., put on show their well-known Virol and also a new preparation, Virolax, a combination of chemically pure liquid paraffin 60-per-cent. and Virol 40-per-cent (some of the animal fat being omitted). Virolax is elegant in appearance and extremely palatable.

Zimmer & Co., Ltd., represented by Widenman, Broicher & Co., Ltd., had a full selection of their products. Among their new specialities shown were "Aponal," a new hypnotic, which is chemically amylene-hydrate carbamate. It is put up in powder form and in 15-grain tablets, and is indicated in insomnia due to nervous debility, excitation, over-exertion, etc.—viz., where the employment of powerful hypnotics is neither necessary nor advisable. "Dymal," a new "wound-powder," white, odourless, a rapid healer, and inexpensive, is obtained as a by-product in the manufacture of gas-mantles. Optochin hydrochloride (Zimmer's) (ethylhydrocuprein hydrochlor.) is a remedy which has given good results in ophthalmology in Germany, and is now being tested in this country. Hydroquinine hydrochloride, a salt of a synthetic alkaloid prepared from quinine, possesses the advantage of ready solubility, so that it may be employed for subcutaneous injection.

Mention may also be made of exhibits of Cadbury's cocoa, Ronuk, Ltd., and of the Radium Chemical Co., Pittsburg, Pa., U.S.A., who showed radium bath-water, radium drinking-water, and radioactive earth. Other exhibitors were E. A. Brooke Williams, Droitwich Brine Bath Spa, Wm. Gaymer & Son, Ltd., Hoskins & Sewell, Ltd., H. K. Lewis, Oxford Medical Publications, W. B. Saunders & Co., John Wright & Sons, and Robert Whitelaw.

Colitis very commonly results from chronic constipation and the purgative-habit.

Highgate Chemical Co. (Birmingham), Ltd.—At an extraordinary general meeting of the members of this company, held at the registered office, Horse Fair, Birmingham, it was decided to wind-up the company voluntarily. Mr. J. W. B. Brown, incorporated accountant, Prudential Buildings, Corporation Street, Birmingham, being appointed liquidator.

More Capital Wanted.—Boot's Pure Drug Co., Ltd., have just offered 150,000*l.* 7 per cent. "D" preferred ordinary 1*l.* shares at 24*s.* 6*d.* per share; and Boots, Cash Chemists (Southern), Ltd., 150,000*l.* 6 per cent. cumulative "C" preference 1*l.* shares at 23*s.* per share, for public subscription. The capital of the first company will thus be increased to 1,124,700*l.* (or 300*l.* less than the authorised capital), and that of the Southern Co. will be 615,000*l.*, against 731,000*l.* of assets, exclusive of goodwill.

TRADE NOTES.

The Marvel Co., 11 Queen Victoria Street, London, E.C., figure and describe in our advertisement pages the "Marvel" whirling spray syringe.

Mr. Charles Westphal, the London agent for Messrs. Heine & Co. A.-G. Leipzig, is at 195 Upper Thames Street, E.C., and not 125, as given in the *C. & D.* last week.

Artificial Dentures can be kept thoroughly free from adhesions and beautifully clean by means of the special biscuit made by Messrs. Edward Cook & Co., Ltd., Bow, London, E. It retails at 6*d.*

Mr. Arthur Berliner, 15 and 17 Worship Street, London, E.C., is making a special offer at present of hot-water bottles (the "Perfectum") and abdominal belts and supports. See the announcement elsewhere in this issue.

Wincarnis with Quinine.—Messrs. Coleman & Co., Ltd., Wincarnis Works, Norwich, in an advertisement in this issue, emphasise the fact that it has been definitely decided that Wincarnis with quinine requires no wine licence for its sale.

The British Thomson-Houston Co., Mazda House, 77 Upper Thames Street, London, E.C., have had two additional telephone-lines installed in their private exchange. Their 'phone numbers have now been changed to Central 10,434-5-6-7-8.

Sister Laura's Food is on the P.A.T.A. list, retailing in tins at 1*s.* net, this being the face value, and it yields a handsome profit as a food. It is made by the Sister Laura's Infant Food Co., Ltd., 156 St. Vincent Street, Glasgow, who offer special terms to retailers.

The Association of Manufacturing Chemists, Ltd., has been incorporated recently as a private limited company, with a board of directors consisting of gentlemen identified with the drug-trade. Its functions are the recovery of overdue accounts, the collection and dissemination of information concerning the financial status of traders as a basis upon which credit may be granted or withheld, the representation of subscribers in insolvency cases, and the furtherance of any object that in the interests of the drug-trade should be supported. Mr. Parkin S. Booth is the accountant and Mr. W. H. Jones secretary. The offices are 32 Kimberley House, Holborn Viaduct, London, E.C., and 35, 36, 37 Exchange Chambers, 2 Bixteth Street, Liverpool.

The P.A.T.A. Protected List for July contains the following additions, viz.: Butilox brilliantines, "Caprice du Monde" perfume, "Celmo" and "Celmetz," "Count d'Orsay" toilet-powder, "Confellax," "Bronamalt" and "Vibrona," "Wana Ranee" specialities, International Chemical Co.'s preparations, Jackel's hair-cream, Knight's "Olof" outfit, "Lady Blessington" complexion beautifier, "Maltolactone" tablets, "Nasulwa" preparations, "Arlex" hair-restorer, "Peach" preparations," "Pino" paste, "Providol" cream and soap, Schacht's "Mercolloids," "Vitafer" food chocolates, Williams' dental cream. Several articles have been altered in price this month, including "Hormotone" tablets, "Mentholatum" (both sizes), "Peach" tooth-cream and shaving-cream, and Williams' shaving-cream, shaving-powder, and dental cream (both sizes).

B. W. & Co. Activities.—Messrs. Burroughs Wellcome & Co., Snow Hill Buildings, London, E.C., had an exhibit of their products at the Hotel Cecil this week, on the occasion of the fifth annual session of the Clinical Congress of Surgeons of North America. Among the special products were epinine, vaporole infundin, and the tabloid adjustable head-dressing. We have also received three beautifully produced booklets descriptive of the firm's exhibits at the Anglo-American Exposition. One booklet describes the general exhibit and Wellcome materia-medica farm exhibit in the Chemical Science and Social Economy Section, the "Kepler" malt products exhibit in the Alimentation and Forestry Section, and the photographic exhibit and Wellcome Club and Institute exhibit in the Industrial Arts Section. The other two booklets deal respectively wth the Chemical Research and Physiological Research Laboratories. We also call attention to two new "soloid" products—viz., soloid toluidine blue—employed as a diagnostic stain for *B. diphtheriæ* and as a general histological stain, and soloid Sabouraud's medium for growing trichophyta, moulds, and similar organisms. The medium is in the dry form, and keeps indefinitely, being readily and quickly converted into the ordinary clear, firm medium. The organisms of favus and ringworm and the "bottle bacillus" all grow well on this medium. The form in which Sabouraud's medium is here offered is a great convenience, as the preparation in the ordinary form is somewhat tedious and wasteful to make.

TRADE-MARKS.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration, see "The Chemist and Druggist Diary," 1914, p. 237.

Objections to the registration of any of the undermentioned applications must be stated on Form T.M. No. 7 (obtainable at Money Order Offices for £1) and lodged with Mr. W. Temple Franks, Comptroller-General, Patents Office, 25 Southampton Buildings, Chancery Lane, London, W.C., within one month of the dates mentioned.

(From the "Trade-marks Journal," July 15, 1914.)

"B. & M. Centaur Brand," with picture of Centaur; for goods (1, 4, and 47). By Blacklock & Macarthur, 165-173 West Street, Tradeston, Glasgow. 360,693, 361,022, 361,080.

"Idrag"; for all goods (1, 2, and 3). By J. D. Riedel, A.G., Berlin-Britz. 361,753/4/5.

"Morrysine Abortion-cure for Cows," and facsimile signature "Andrew Faulds" on circular label; for a cattle-medicine (2). By Glosters, Ltd., Woking. 356,507.

Demon on circular device; for an insecticide (2). By H. Villiers-Stuart, Lismore, co. Waterford. 358,881.

"Veticine"; for a veterinary ointment (2). By Standbrook & Sons, 11 Melon Road, Peckham, S.E. 360,433.

"Sprite," "Revo," and "Kinofectant"; for chemicals (2); "Auro," for surgical goods (11). By Boots Pure Drug Co., Ltd., Nottingham. 361,013/015/678/020.

"Vosterine"; for all goods (2). By W. Voss & Co., Ltd., Glengall Road, Millwall, London, E. 361,576.

"Cubortox"; for all goods (2). By J. J. Whitworth, Grimsby. 361,612.

"Fumiform"; for disinfectants, etc. (2). By Quibell Bros., Ltd., 10 Castle Gate, Newark. 361,816.

"Cutona"; for all goods (3). By C. W. Plowman, "Brockley," Westfield, Redcar. 354,522.

"Diogenal"; for a hypnotic and sedative medicine (3). By E. Merck, 66 Crutched Friars, London, E.C. 359,368.

"Catasol"; for a medicine (3). By C. Smalley, 12 Carr Street, Ipswich. 360,348.

Heraldic device, with motto "Perseverantia Vincit"; for medicinal radio-active products (3), surgical instruments, etc. (11), and mineral and aërated waters (44). By S. Kutnow, 41 Farringdon Road, London, E.C. 357,523, 357,524/5.

"Albinol" and "Albiol"; for medicinal chemicals (3). By Schliemann's Oil and Ceresine Co., Ltd., 3 New London Street, London, E.C. 360,791.

"Stroopal"; for medicines for cancer, stomach, and liver complaints, etc. (3). By W. Faupel, Windsor Lodge, Hartfield Road, Wimbledon. 360,869.

"Argobol" and "Trental"; for medicinal chemicals (3). By the Bayer Co., Ltd., 20 Booth Street, Manchester. 361,181/259.

"Itsit"; for medicinal chemicals (3). By the Phenol-Phthalein Co., Ltd., 34 Hill Street, Edinburgh. 361,401.

"Golphoids"; for a medicine (3). By Haywards, 35 Leicester Square, Walsall. 361,676.

Device composed of monogram "A. & Co.," arrow, etc.; for cameras, etc. (8). By Adams & Co., 24 Charing Cross Road, London, W.C. 359,907.

Insurance Act Dispensing.

A Weekly Record of events and decisions concerning Chemists' interests in Medical Benefit administration and practice.

Reports from Local Centres.

With special reference to the supply of medicines and appliances. See also Association Affairs.

ENGLAND.

The Brighton Case.—The Insurance Commissioners announce that, having considered the report of the Committee of Inquiry, constituted under Part VII. of the Medical Benefit Regulations, to hear a representation by the Brighton Insurance Committee, that the addition to the chemists' list of Sharp's Drug-stores, Ltd., would be prejudicial to the efficiency of the service, they have decided to take no action in the matter. The proceedings at the inquiry were fully reported in the *C. & D.*, July 4, p. 56.

Birmingham.—Almost a deadlock occurred at the Tuesday evening annual meeting of the Birmingham Insurance Committee by virtue of the fact that a Chairman could not be elected because the voting was equal for the two members selected. The same thing occurred again in choosing a name for one of the Sub-Committees. Eventually the past year's Chairman agreed to serve until the next meeting.

Blackpool.—At a meeting of the new Pharmaceutical Committee on July 23, Mr. F. Boothroyd, Ph.C., was appointed Chairman, and Mr. D. J. Bailey, 220 Lytham Road, South Shore, Hon. Secretary. Messrs. Boothroyd, Laurie, and Bailey were nominated as members of the Pharmaceutical Service Sub-Committee, and Messrs. Boothroyd, Laurie, Huddart, Roberts, and Bailey as a Special Drug Sub-Committee.—At a meeting of the Blackpool Insurance Committee on the same day Mr. Boothroyd was appointed a member of the Finance, Sanatorium, and Medical Benefit Sub-Committees, and Mr. D. J. Bailey a member of the Sanatorium and Medical Benefit Sub-Committees.—At a meeting of the latter Sub-Committee on July 27 Mr. Bailey was appointed Chairman in succession to Dr. T. W. Butcher.

Brighton.—A meeting of panel chemists was held at the Camera Club, Castle Square, on Wednesday, July 23. Mr. C. G. Yates (the Chairman) reported on the recent Conference of Local Associations in London, and as to Mr. Masterman's apparent assumption that 2*s.* per insured person is ample for the formation of an adequate Drug Fund, remarked that local experience does not accord with this view; besides the 6 per cent. deficiency last year, the statistics for the first part of the current year suggested that 3*s.* would be inadequate. A letter from Mr. Woolcock, based upon Mr. Masterman's reply to the deputation, was read, urging an immediate scrutiny of last year's prescriptions, so that the machinery of Clause 40 might be set in motion. This course had been adopted and a scheme formulated for bringing it to an early conclusion. It was decided to arrange at the forthcoming meeting of the Pharmaceutical Committee for an early conference with the Panel Committee. [The official letter referred to has been sent to all discounted districts.]

Cheshire.—The Drug Fund of the county was sufficient to meet the 1913 accounts of chemists in full, but the claims on the Fund for the first quarter of this year considerably exceed the available income. Of the 182,500 insured persons who have chosen a doctor, 31,000 were supplied with medicine by their doctors at a cost of 3,060*l.* to the Insurance Committee, while the chemists' accounts for 1913 amounted to 16,208*l.*

Eastbourne.—Mr. H. C. Browne has been elected Chairman of the new Pharmaceutical Committee, and Mr. D. Merchant Secretary. Panel chemists have been paid the balances of their 1913 accounts.

Essex.—The Insurance Committee met on July 28, when the Finance Sub-Committee reported that they had considered requisitions from the Panel and Pharmaceutical Committees for advances for administrative expenses, and had directed that the amounts required be included in the schedule of bills and claims. They were of opinion, however, that the payment of salaries of 250*l.* and 200*l.* per annum to the Secretaries of these Committees was not justified, having regard to the refusal of the Commissioners to allow travelling expenses to members attending meetings of these Committees to be paid out of the sums allotted for administration expenses. The Sub-Committee recommended that the advances of 50*l.* already made to each Committee be confirmed, and that further advances not exceeding 200*l.* be made to each Committee, on requisition, in respect of the year ending December 31, 1914. They also drew attention to the fact that the Secretary of the Panel Committee is not himself on the panel. The Medical Benefit Sub-Committee recommended that the total sum advanced to doctors and chemists for any period of the year should not exceed 90 per cent. of the proportion of the year's credit estimated to be available for that period. The Sub-Committee reported that they had instructed the Clerk to call the attention of the Panel and Pharmaceutical Committees to the fact that there was a very considerable increase in the number and cost of prescriptions during the first two quarters of the current year compared with the corresponding quarters of the previous year. With respect to the checking of prescriptions, the Pharmaceutical Committee have intimated that they are prepared, out of their administrative expenses, to contribute 33⅓ per cent. of the cost (instead of 25 per cent. as previously offered), subject to the Medical Benefit Sub-Committee and the Panel Committee contributing a like amount. The Pharmaceutical Committee suggested that a small Sub-Committee, consisting of two members from each Committee, should be appointed to control the checking, and, in the event of the suggestion being accepted, Messrs. Matthews and Goode will represent the Pharmaceutical Committee. It was recommended to approve of the suggestion. Neill's Drug-stores, Ltd., was added to the list of panel chemists, and L. R. Guest, Ltd., withdrawn. Miss M. Buchanan and Mr. C. Goode have been reappointed as members of the Committee. The payments from the Drug Fund include: To practitioners on account of amount due for dispensing in rural areas during quarter ended April 11, at 4½*d.* for each person on dispensing-lists, 1,081*l.* 1*s.* 2*d.*: to chemists on account of drugs and appliances supplied during quarter ended April 11, 1,021*l.* 15*s.* 7*d.*, and for quarter ended July 11, 5,051*l.* 18*s.* 7*d.* The payments to chemists represent 90 per cent. of the amounts due.

Halifax.—Mr. H. K. Woodward presided over a special meeting of the Halifax Chemists' Association held on July 22, when it was unanimously decided to take immediate steps to put into operation Clause 40 of the Medical Benefit Regulations, with a view of coping with the Drug Fund deficit, and to communicate the fact to the local Insurance Committee. Mr. P. W. Swire was re-elected Secretary of the Pharmaceutical Committee.

Huddersfield.—At the last meeting of the Insurance Committee a report by the Clerk as to the cost of drugs in the areas of several West Riding towns was presented. In Huddersfield during the quarter which ended April 11 the average cost for drugs per insured person was 9.13*d.*, against 6.2*d.* in the West Riding, and the average cost per prescription was 9.76*d.*, against 7.13*d.* The Medical Benefit Sub-Committee had resolved:

"That the Pharmaceutical Committee be recommended to make, in consultation with the Panel Committee, an examination of a sufficient number of prescriptions, and ascertain whether there is evidence that the character or the amount of the drugs or the appliances ordered for insured persons by any practitioner or practitioners on the panel is in excess of what may reasonably be necessary for the treatment of those persons, and report the result of their investigations to the Committee."

The Pharmaceutical Committee, in their quarterly report on the examination of prescriptions, stated:

"The attention of the Panel Committee has been called to extravagant prescribing on the part of several medical men during the quarter which may be the subject of formal complaint from my Committee later on in the medical year."

Mr. T. F. Robinson drew attention to the high cost of prescriptions in Huddersfield compared with the West Riding average, and said that all sections of the Insurance Committee should join in the inquiry. Dr. MacGregor protested against the chemists being called in to examine doctors' prescriptions, for they were no more competent to give an opinion than he was to command the Channel Fleet. (Laughter.) Mr. J. B. Wood (Huddersfield Chemists' Association) said that the chemists would only concern themselves with the question of costs. Dr. MacGregor again protested, and a motion that other sections of the Insurance Committee than chemists and doctors should join in the inquiry was defeated by thirteen votes to nine.—The new Pharmaceutical Committee met on Thursday, July 30, and made arrangements for scrutinising the prescriptions both for the past year and the current year, for the purpose of demonstrating the amount of over-prescribing that has taken place.

Huntingdonshire.—At the meeting on July 20 the Chairman, reporting on the year's work, said that the chemists' accounts had all been paid, and the doctors had got part of the floating sixpence.

Kent.—Mr. J. Harcombe Cuff and Mr. J. E. French are the new chemist members of the Joint Services Sub-Committee. Consequent upon a complaint by a panel chemist against a panel practitioner sending prescriptions to a particular chemist, these persons have been written to about the matter, and the Insurance Committee resolved on July 22 that no recommendation of a chemist should be

made by a doctor, and that no recommendation of a doctor should be made by a chemist.

London Insurance Committee.—Mr. Fred Coysh was elected Chairman of the Committee at the meeting held on Thursday, July 23. The Chairman of the Drugs and Appliances Sub-Committee withdrew the list (published in the *C. & D.*, July 25, p. 138) of preparations which it was proposed should not be supplied at the cost of the Drug Fund. Mr. Edward Smith, L.C.C., Chairman of the Finance Committee, however, took occasion to comment on the recent "extraordinary expenditure" on drugs. For the month of May last, he said, bills had been presented on behalf of the chemists for 16,338*l.*, and for the first five months of the medical year the bills amounted to 80,000*l.* in round numbers. If matters went on at the rate he had indicated the bills for the year would amount to 210,000*l.*, whereas it is exceedingly probable, on all the estimates, that the amount in the Drug Fund would not be more than 140,000*l.* or 150,000*l.* [It is understood that the list has merely been withdrawn *pro tem.*, in order that a less drastic and more reasonable one may be brought forward soon, perhaps next week.—Editor *C. & D.*] A letter was received from the Commissioners offering to distribute the funds accumulated during 1913 in respect of persons who have not chosen a doctor, and thus relieve the Committee of any fear of legal consequences. The offer of the Commissioners was accepted.

London Panel Committee.—A meeting of the Committee was held at the offices of the Metropolitan Asylums Board, Victoria Embankment, on July 28, Mr. H. J. Cardale (Chairman) presiding. Among the committees appointed was the Pharmaceutical Sub-Committee, comprising Messrs. M. M. Bernstein, W. R. Cazenove, A. Dixon, R. Esler, R. J. Farman, J. C. Fletcher, J. Grace, C. W. Hogarth, F. C. Knight, J. H. McBurney, W. T. Page, C. H. Pring, J. T. Richards, W. F. Roach, A. E. Thomson, A. Welply, and W. O. Williams, together with the Chairmen of the Finance and General Purposes and the Panel Service Sub-Committees. In accordance with the Medical Benefit Regulations, Drs. Ethel Bentham and R. V. Donnellan were appointed members of the Medical Service Sub-Committee of the London Insurance Commmittee for the ensuing year. The special Sub-Committee reported that they understood that the Insurance Commissioners had under consideration the revision of the Medical Benefit Regulations and the terms of service of practitioners on the panel for the medical year 1915, and that it is proposed to issue the revised Regulations and the model agreements, embodying the proposed amendments, by the first week in September. They were of opinion that it is eminently desirable, in the interests of practitioners on the London panel, that counsel's opinion should be obtained forthwith upon certain questions connected with the agreement and the conditions of service of practitioners, and recommended accordingly. The Chairman said a copy of the judgment in the case of Dr. Salter had been sent to all the members, and he hoped they had all read it carefully. He thought they would agree that there were serious points in that judgment that had the greatest bearing on their agreements and the Regulations under the Act which deserved their earnest consideration. The Commissioners stated that the question of a revision of the current regulations and agreements was under consideration, and that the new regulations would be issued by the first week in September. They would, therefore, see that the matter was an urgent one, and he trusted that the meeting would agree to take counsel's opinion as suggested in the recommendation. Replying to questions, the Chairman said that those agreements and regulations will be drawn up by the Commissioners for the whole of England, and it is extremely likely that the Commissioners in the first instance would take advice from people interested in drawing them up. After that Conferences will take place between the various committees and the medical profession. Apparently the intention of the Commissioners is to take a certain amount of advice before September, and the Insurance Committees will hold conferences subsequently. The business was not of general or pharmaceutical interest. We quote the more important passages of the Committee's circular on excessive ordering of drugs and appliances:

"A rapid scrutiny of the prescriptions indicates that certain practitioners are in the habit of prescribing excessive quantities of drugs and appliances, that others prescribe expensive drugs when cheaper, but equally effective, substitutes are available, and that there is a considerable number of practitioners who order for insured persons articles in the nature of foods for their food, rather than their medicinal, value. The prescriptions are now being examined, those costing more than 1*s.* per complete item, including the dispensing-fee, being closely scrutinised, and information is at present being obtained as to the average cost of the prescriptions ordered by each practitioner on the panel. . . . The Pharmacy Sub-Committee recommend:

(*a*) That proprietary medicines and secret remedies which are advertised to the public, and which might be used for the purposes of self-treatment, should not be supplied at the cost of the Drug Fund.

(*b*) That no preparation in the nature of a wholly manufactured food should be supplied at the cost of the Drug Fund.

(*c*) That no drug, chemical or pharmaceutical preparation, where the constitution, composition, or formula is fully known, should be prescribed under a branded name when some equally useful preparation is available.

(*d*) That prescriptions for mixtures, pills, etc., should not be supplied at the cost of the Drug Fund unless the full formula has been written out or reference given by the prescriber so that any chemist on the panel is in a position to dispense the same."

London Pharmaceutical Committee.—The newly elected Committee met at 17 Bloomsbury Square on July 28. Messrs. C. T. Allen, E. A. Atkins, W. T. Bolwell, C. W. Brumwell, A. H. Edgar, J. Y. Fairweather, G. W. Hatfield, J. Keall, A. R. Melhuish, J. Murison, H. Skinner, J. A. Thompson, W. Wilkinson, and A. F. Barnard attended. The following officers were elected: *Chairman*, Mr. J. Keall; *Vice-Chairman*, Mr. A. H. Jenkin; and *Secretary-Treasurer*, Mr. G. A. Tocher. Messrs. J. A. Thompson, J. Murison, J. Keall, A. H. Jenkin, and H. Skinner were appointed members of the Finance Committee. Messrs. Hatfield, Keall, and Woolcock were nominated as members of the Pharmaceutical Service Sub-Committee of the Insurance Committee. Messrs. Keall and Woolcock were re-appointed as representatives of this Committee on the Drugs and Appliances Sub-Committee of the Insurance Committee. The next meeting will be held on September 15.

Newcastle-on-Tyne.—The payments to chemists for 1913 amounted to 7,797*l.* 18*s.* 9*d.*

Northamptonshire.—The report on Medical Benefit for 1913 shows that the Insurance Committee entered into agreements with 107 doctors and fifty-three chemists. The number of insured persons on the doctors' lists for the year was 54,041. Chemists' accounts amounted to 2,697*l.* 4*s.* 3*d.*, representing 96,258 prescriptions. In addition, the doctors dispensed in rural areas at a capitation rate 120,094 prescriptions. The report on finance states that credit had been received for 67,000 insured persons, whereas the Committee had index slips representing 70,000. The Finance Sub-Committee recommended that the payments to doctors and chemists in respect of the quarter commenced July 12 should not exceed 75 per cent. of the amounts due, as recommended by the Commissioners.

Plymouth.—The Panel Committee have announced that they do not object this year to the Pharmaceutical Committee being granted ½*d.* per insured person. They also request distribution of capitation-fees in respect of unallotted persons, undertaking that any surcharge that might be made as the result of the scrutiny of prescriptions should be paid by the doctor or doctors. The Sub-Committee, having received the sanction of the Commissioners, recommend the distribution in accordance with these terms.

Rutland.—At the meeting of the Rutland Insurance Committee, held at Oakham on Thursday, July 23, Sir Arthur J. Fludyer, Bart., presiding, Mr. Phillips (the Clerk) intimated that he had been in communication for a long while past with the Commissioners, who proposed to pay only 593*l.* of the 700*l.* due to chemists and doctors. He telegraphed to them that morning about the matter, and received a reply to the effect: "Proposed payment to doctors too high. Advances to doctors and chemists should not exceed 90 per cent. of the amount available for the period on the basis of recalculation credit." This, he considered, was most unsatisfactory. One of the doctors had written to say that, in consequence of the failure of the Commissioners to supply the necessary funds for his services, he intended, failing the payment of the required amount within seven days, to issue a warrant against the Committee to recover the same. Mr. W. Gregory proposed that one member of the Committee and the Clerk should go to London and interview the Commissioners, and see that this sort of thing should not happen again. Mr. C. E. Barnett suggested they should refuse to sit as a Committee. Dr. F. R. S. Cosens thought the only way to settle the matter was to resign *en bloc*. Of course, they could not refuse to attend patients, but as a Committee they could support the demand for money due. Further heated discussion followed; then an amendment was put that the Committee resign as a body unless the funds due were forthcoming. On being put to the meeting this was lost, and the original proposition carried. Dr. Cosens and the Clerk were appointed to interview the Commissioners in London. The estimated funds for the quarter in progress included 40*l.* advances to chemists and 565*l.* to doctors.

Scarborough.—The North Riding Panel Committee has declined to consider the Pharmaceutical Committee's request for the payment of expenses under Section 33 (2) of the 1913 Act.

Sheffield.—The first meeting of the newly elected Pharmaceutical Committee was held at the Insurance Committee's offices, Church Street, on July 24. Mr. H. Antcliffe was voted to the chair. It was unanimously decided that Mr. J. Gilbert Jackson be reappointed Chairman, Mr. A. H. Culverhouse Vice-Chairman, and Mr. H. Antcliffe Secretary. It was decided that as far as possible the meetings be held not earlier than 9 P.M. At a second meeting, held on July 28, Mr. J. Gilbert Jackson presided. It was reported that a letter had been received by the Secretary from the Clerk to the Insurance Committee asking for a provisional estimate of the expenses of the Committee for the current year, giving details of the chief items. The Committee approved of the Secretary's action in sending up the items as fixed in May when making the application for ⅓*d.* per insured person, which included office expenses, stationery, Secretary's salary, etc. The following gentlemen were appointed to serve on the Pharmaceutical Service Sub-Committee: Messrs. J. Gilbert Jackson, J. T. Appleton, and H. G. Williams, and the first-named two were appointed for the Joint Service Sub-Committee.

Southampton.—A meeting of the Southampton Borough Pharmaceutical Committee was held at the Royal Hotel on July 27, when there were present Messrs. Martin, Hodges, Jewell, Clarke, Gibson, and Ferryman. In the absence of Mr. Bates, Mr. Ferryman occupied the chair. Mr. W. Bates was elected Chairman of the Committee, and Mr. F. B. Wride Secretary, the latter being especially thanked for his past services. It was reported that the Secretary of the Panel Committee is arranging a joint meeting in September with the Pharmaceutical Committee to take into consideration the question of "Aqua font." and other matters. Arising from the application of the Pharmaceutical Committee for administrative expenses, a letter was read stating that the Commissioners had approved of the scheme, and empowering the Insurance Committee to provide the money.

Southend-on-Sea.—The members of the South-East Essex Pharmacists' Association have been informed through their Secretary that it has been mutually decided between the National Health Insurance Commissioners, the Essex County Insurance Committee, and the Southend Corporation that the Essex County Committee shall continue to administer the Act until January 15, 1915, in order to avoid confusion. Under these circumstances it has been deemed unnecessary to prolong the session, and no further meetings, therefore, will be called during the summer. Mr. J. H. Heywood has been appointed representative of the chemists upon the Southend Insurance Committee by the National Health Insurance Commissioners in accordance with the wishes expressed some months back. Prescriptions will continue to be sent to Broad Street Place as before, and cheques for last quarter's accounts will be received on July 29 by all who have complied with the Committee's regulations.

Southport.—At the Insurance Committee's meeting on July 28 the checking of chemists' accounts was discussed. The Medical Benefit Sub-Committee recommended that the chemists' accounts be forwarded to Mr. E. J. George for checking for a period of three months. Mr. James Righton (chemist, Southport) pointed out that Mr. George is not a qualified chemist, and he did not think it right to take the checking of the accounts from the Pharmaceutical Committee, who were qualified chemists. A lot of things came up in connection with the accounts upon which he thought qualified chemists would have more information than any ordinary individual. The Deputy-Clerk said the Medical Sub-Committee recommended Mr. George to check the accounts because he would do it cheaper than the Pharmaceutical Committee. Mr. Righton asked if the Pharmaceutical Committee's reports had not been satisfactory. The Chairman (Alderman Griffiths): Absolutely satisfactory. There will be a saving of 25 per cent. if Mr. George does the work. Mr. Righton proposed and Dr. Pridie seconded an amendment that the Pharmaceutical Committee should continue the checking. The Deputy-Clerk read a letter which stated that Mr. George is at present checking for Walsall and West Bromwich Committees. The amendment was defeated and the recommendation confirmed.

West Bromwich.—At the first meeting of the Pharmaceutical Committee on July 28, Mr. Osborne was elected Chairman and Mr. Kemsey-Bourne Secretary. Mr. F. R. Evans, a contractor for drugs and dressings, was co-opted a member of the Committee. Allowance to doctors for emergency drugs was discussed, and decision reserved.

Wiltshire.—At a meeting of the Insurance Committee on July 22 it was reported that the amount of the Drug Fund for 1913 was 5,574*l.* 2*s.* 3*d.* The total paid to chemists was 3,016*l.* 0*s.* 8*d.*, leaving a balance due of 91*l.* 10*s.* 4*d.* to meet claims amounting to 3,107*l.* 11*s.* In view of the actual credits for the year 1913, it was resolved to make advance payments to doctors and chemists. The average number of prescriptions during 1913 was 24,125 per quarter; those received for the quarter ended April 11, 1914, numbered 36,145, at a cost of 1,273*l.* 9*s.* 9*d.*, as against 25,112, at a cost of 721*l.* 12*s.* 1*d.*, for the corresponding quarter last year—an increase of 50 per cent. in numbers, but the cost was less, 8.3*d.*, against 8.4*d.*

Worcestershire.—At the Insurance Committee's meeting on July 25 it was reported that the chemists' accounts for 1913 had been paid in full, leaving a balance in the Drug Suspense Fund of 994*l.* 13*s.* 2*d.*

Yorkshire (North Riding).—The Panel Committee has agreed to appoint a Committee to draw up a Pharmacopœia for the North Riding if the Insurance Committee agree.

SCOTLAND.

Aberdeen.—Panel chemists have now received payment of the amounts of their accounts for the quarter ended July 11, less 10 per cent. It has been arranged that in future accounts are to be rendered and paid monthly. The checking of prescriptions is being brought up to date, and chemists anticipate that when the report is available they will be in a better position to state their case to the Insurance Committee.

Kirkcudbright.—At the last Insurance Committee meeting it was reported that for the first quarter of this year the Castle-Douglas chemists' accounts amounted to 79*l.*, an average cost of 1*s.* 10¾*d.* per prescription, while for Dalbeattie the total was 16*l.* (average 9*d.*), and for Kirkcudbright 13*l.* (average 11½*d.*). Mr. F. Walker, chemist, explained that the Castle-Douglas hospital was the principal cause of the seeming disproportion. The Finance Committee reported that at the present rate of expenditure on drugs there is a probability that the Drug Fund may be insufficient.

Paisley.—At this week's meeting of the Insurance Committee it was reported that in 1913 panel doctors were paid 11,469*l.* and chemists 2,166*l.*, leaving a balance of 196*l.* on the Medical Fund. For the six months ended July 12 5,273*l.* had been paid to thirty doctors and 1,122*l.* to sixteen chemists. During 1913 the chemists dispensed 67,841 prescriptions at an average of 7½*d.* per prescription. No complaints were made against chemists as to quality of drugs or otherwise.

WALES.

Cardiff.—A meeting of the panel chemists was held in Cardiff on July 27. Mr. A. Hagon presided, and explained that the meeting had been called for the purpose of ascertaining if the chemists of the district were willing that 10 per cent. of the amount of money due to them by the Insurance Committee should be deducted for the purpose of paying for scrutinising the prescriptions. He added that the deduction did not guarantee that they would receive their balance of 641*l.* for 1913. The Chairman also referred to the interview with Mr. Masterman, and Mr. Leo Joseph spoke of this more fully, he and Mr. Hagon also answering questions put by Messrs. Lee Jones, F. Edwards, Furnival, and Games Evans. It was unanimously resolved, on the motion of Mr. Joseph, seconded by Mr. Benyon Thomas, that: "We, the undersigned, agree to pay 10 per cent. of the balance of our accounts for 1913 against the Insurance Committee to form a fund for the purpose of scrutinising the prescriptions dispensed by the chemists on Cardiff panel. This fund to be in the charge of the Pharmaceutical Insurance Committee." Mr. Mogg asked when this scrutiny would take place, and Mr. Hagon said no definite answer could be given. He also mentioned that prescriptions will in future be checked locally.—At a meeting of the new Pharmaceutical Committee on Tuesday, July 28, Mr. Hagon was re-elected Chairman and Mr. S. B. Eason Secretary.

Denbighshire.—The first meeting of the new Pharmaceutical Committee was held at Chester on July 28, when Mr. J. W. Adamson (Colwyn Bay) was appointed Chairman and Mr. J. W. Richardson (Wrexham) Secretary. Messrs. F. J. Boardman (Abergele), T. J. Roberts (Ruthin), and L. B. Rowland (Wrexham) were nominated as members of the Pharmaceutical Service Sub-Committee. The report of the Joint Sub-Committee of doctors and chemists was submitted and discussed. The Secretary was instructed to collaborate with the Insurance Committee Clerk in circulating copies of the report to panel practitioners and chemists. A further joint meeting is being arranged for Wednesday, September 23. In connection with the circular letter from Bloomsbury Square *re* Drug Fund inadequacy in 1913, the Secretary submitted a draft scheme for the institution of a central checking-office for North Wales, where prescriptions might be examined as to—

(*a*) Prices charged for ingredients: chemists' accounts checked.
(*b*) Average cost per prescription for each county.

(*c*) Average cost per prescription in each area in each county.
(*d*) Average cost per insured person for each county.
(*e*) Average cost per insured person per doctor for each county.
(*f*) Average cost per patient attended by each doctor for county.
(*g*) Prescriptions given to non-insured persons.
(*h*) Prescriptions given to insured persons for whom doctors receive capitation-fee or other payment for drugs and appliances.

This was approved, and the Secretary was instructed to communicate with each Pharmaceutical Committee in North Wales, with a view to ascertaining their opinion in the matter. A request from the Clerk to the Insurance Committee that prescriptions might be arranged in values according to practitioners was approved. As payments on account are being delayed because certain chemists' accounts have not yet been received, it was resolved that if anyone delays more than seven days beyond the stipulated date at the end of any quarter his account shall be carried forward to the ensuing quarter. The Secretary was instructed to write to the Welsh Insurance Commissioners about payment of temporary residents' accounts, which has been slow.

Glamorganshire.—The Chairman (Mr. Nicholas) of the County Insurance Committee and two other members are to interview the Welsh Commissioners about the Drug Fund and checking prescriptions.

Merthyr Tydfil.—At the annual meeting of the Insurance Committee last week, Alderman R. P. Rees, chemist, presiding, it was reported that chemists' bills for the past quarter amounted to 500*l.* 1*s.* 6*d.*, including Miss Harris, 8*l.* 9*s.* 3*d.*; Messrs. D. W. Evans, 54*l.* 6*s.* 9*d.*; E. J. Harries, 31*l.* 9*s.* 2*d.*; Rees & Son, 47*l.* 3*s.* 4*d.*; Roberts, 49*l.* 7*s.* 4*d.*; R. R. Davis, 8*l.* 6*s.* 2*d.*; Francis, 2*l.* 0*s.* 6*d.*; T. Jenkins, 42*l.* 10*s.* 4*d.*; H. M. Lloyd, 18*l.* 14*s.*; V. A. Wills, 40*l.* 19*s.* 7*d.*; W. H. Evans, 47*l.* 18*s.* 3*d.*; Parsons, Cash Chemists, 58*l.* 7*s.* 6*d.*; T. Thomas, 43*l.* 17*s.* 3*d.*; W. J. Williams (Abercynon), 17*s.* 10*d.*; J. C. Edwards, 4*s.* 6*d.*; and R. S. Ryce, 26*l.* 15*s.*; and Dr. Ward, 9*s.* 3*d.* The annual report showed that in January of 1913 fourteen chemists were on the panel, and fifteen in January 1914. The number of prescriptions dispensed for the year was 74,869, at a total cost of 2,597*l.* 10*s.*, or 8⅓*d.* per prescription. The Committee recommended that chemists should not dispense unsigned prescriptions.

Pembrokeshire.—It was reported to the Insurance Committee on July 25 that on April 12 the insured persons in the borough numbered 22,302. During the year 40,641 prescriptions had been dispensed, at a cost of 15,084*l.* 1*s.* 8*d.*, and there is a net deficiency on the Drug Fund of 59*l.* 1*s.* 9*d.*

Notes.

Derby (Borough) Pharmaceutical Committee.—The members and their friends were entertained by the President (Mr. H. G. Pattison) at Coxbench on Wednesday, July 15, a cricket-match and rambles through the woods being among the diversions.

British Medical Association.—The Insurance Act Committee had before it at the last meeting the report of the Drug Tariff Sub-Committee, and resolved to suggest to the Association members of the Advisory Committee certain emendations, and also authorised the Sub-Committee to inform the representatives of the Pharmaceutical Society that the British Medical Association would use every effort to move Panel Committees to take full advantage of their powers in the matter of excessive prescribing given to them by Medical Regulation 40.—*British Medical Journal.*

COLLEGE NOTE.

Bath College of Pharmacy.—At the recent competitive examinations the following awards were made: Silver Medals, Mr. E. G. Edwards and Mr. J. H. Sharpe. Certificates of Merit—Chemistry and Physics, Messrs. E. G. Edwards, T. E. Evans, E. J. T. Goddard, H. C. Griffiths, J. H. Sharpe; Pharmacy and Latin, Messrs. E. G. Edwards, T. E. Evans, H. C. Griffiths, J. H. Sharpe, Glyn C. Williams; Materia Medica, Messrs. E. G. Edwards, T. E. Evans, J. H. Sharpe; Botany, Messrs. E. G. Edwards, T. E. Evans, H. C. Griffiths, J. H. Sharpe, Glyn C. Williams; Practical Chemistry, Messrs. E. G. Edwards, T. E. Evans, J. H. Sharpe; Dispensing, Messrs. E. G. Edwards, H. C. Griffiths, J. H. Sharpe, L. W. Mapson; Evening-class prize, Mr. F. Jotcham.

Pharmacy Law Prosecutions.—A further list of convictions for contravention of the laws regulating the practice of pharmacy in Egypt has been published in the "Journal Officiel" for July 4. There are fifteen cases, and in six cases the pharmacy or branch was ordered to be closed.

TRADE REPORT.

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling and the like. Qualities of chemicals, drugs, oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities. Retail buyers cannot, therefore, for these and other reasons, expect to purchase at the prices quoted here.

42 Cannon Street, E.C., July 30, 9.30 p.m.

THE declaration of war between Austria and Servia has caused a feeling of acute depression in commercial and financial circles, and naturally buyers in most instances are filling their current requirements only. Speculation in produce is, of course, almost a dead letter, there being no desire to enter into any commitments, and values are more or less nominal. The few changes which have occurred include a further advance in thymol, scarcity being acute. Citric acid is again dearer for the same reason, and citrates were advanced 1*d.* to-day. New chamomiles are now offering. Ergot remains steady. Sudan gum acacia is firm. Menthol is easier. Morphine remains steady, but opium is nominal, in view of the European crisis. Genuine Alexandrian senna is scarce. Among essential oils, star-anise is steady and cassia oil easier. American peppermint oil is nominal. Lemon is easier; bergamot and orange are unchanged. Lime oil is firmer for West Indian distilled. Otto of rose is tending cheaper. The Bank Rate was advanced 1 per cent. to 4 per cent. to-day. The principal changes have been as under:

Higher	Firmer	Easier	Lower
Carbolic acid Citrates Citric acid Linseed oil Palm oil Thymol	Coconut oil (Ceylon) Lime oil (W.I. distilled)	Ammonia sulphate Copper sulphate Lemon oil Menthol Opium Senega (c.i.f.)	Cassia oil Otto of rose Pepper Peppermint oil (Amer.) Shellac Turpentine

Cablegram.

New York, July 29.—Business in drugs is dull. Opium is steady at $7.45 per lb. Peppermint oil is 40c. per lb. lower at $2.90. Menthol is 3c. cheaper at $2.95. Canada balsam is lower at $8.75 per American gallon, and Oregon balsam has been reduced to 85c. per lb. Mexican sarsaparilla is easier at 30c., and guarana at $1.80 is also cheaper.

London Markets.

Acetic Products.—Owing to the war, there is less disposition to sell, and dealers in some instances refrain from offering.

Aloes.—The exports from the Union of South Africa during May amounted to 98,872 lb. (1,026*l.*), as compared with 37,998 lb. (455*l.*) for May 1913. The five months' (January-May) figures were 470,339 lb. (5,261*l.*), against 189,763 lb. (2,183*l.*) in 1913, or 280,576 lb. more.

Anise Oil (Star) is steady, with "Red Ship" brand offering at 5*s.* 2*d.* per lb. on the spot, and September-October shipment at 4*s.* 6½*d.* c.i.f.

Belladonna-root.—New crop is offering at 55*s.* per cwt. c.i.f., and *Belladonna-leaves* at 80*s.* c.i.f.

Bergamot Oil remains without change at from 16*s.* 7*d.* to 17*s.* 3*d.* per lb. c.i.f. for prompt shipment, and 17*s.* 6*d.* to 18*s.* on the spot.

Buchu.—The exports from the Union of South Africa during May and the five months ending May were as follows:

	1913			1914	
	Lb.	£		Lb.	£
May ...	... 4,737	755	...	12,491	1,878
Jan.-May	... 95,020	20,138	...	112,504	20,625

It will be seen that the increase for the five months ending May 1914, as compared with the corresponding period of 1913, was 17,484 lb.

Camphor.—Japanese prices are unaltered on spot at 1*s.* 7½*d.* for 2½-lb. slabs, 1*s.* 8*d.* for 1-oz. tablets, and 1*s.* 8½*d.* for ¼-oz. Small sales of China crude have been made at from 160*s.* to 165*s.* spot.

The exports from Japan during May amounted to 246,530 kin, valued at 221,695 yen; and for the five months (January-May) the exports were:

	1912	1913	1914
Kin ...	...1,383,173	1.130,590	1,159,573
Yen ...	...1,262,224	1,047,144	1,036,762

Cardamoms.—The exports from Ceylon during the period January 1 to July 6 amounted to 217,813 lb., against 244,679 lb. in 1913 (26,866 lb. less), 223,572 lb. in 1912, and 372,758 lb. in 1911. Shipments to the U.K. this year have been 104,359 lb. (1913, 102,303 lb.), Germany 39,074 lb. (1913, 47,247 lb.), U.S.A. 38,829 lb. (1913, 43,429 lb.), and India 6,703 lb. (1913, 19,517 lb.).

Cascara Sagrada.—The British Consul for Portland, Oregon, in his annual report for 1913, states that cascara is found growing wild on the mountain sides of the Cascade Range in the States of Oregon and Washington. "The season for picking is in the early autumn, and this generally finds the farmer with his harvest finished and with little work for the time being on his hands. He is consequently glad to go out on to the mountain, and with little effort tear the bark off the trees, at which occupation he may make, where the trees are plentiful, from 12*s.* to 15*s.* per day." In London prices are steady at from 35*s.* 6*d.* to 36*s.* for new bark on spot and 37*s.* to 40*s.* for old; to arrive 32*s.* 6*d.* c.i.f. is quoted in 10-ton lots.

Cassia Oil is cheaper, 80 to 85 per cent. c.a. offering at 2*s.* 9*d.*, 75 to 80 per cent. at 2*s.* 7½*d.*, and 70 to 75 per cent. at 2*s.* 6*d.* per lb. c.i.f.; 80 to 85 per cent. has been sold on spot at 3*s.* 1*d.*, and 70 to 75 per cent. at 2*s.* 9*d.*

Chamomiles.—The first pickings of the new Belgian crop, which are of excellent quality, offer at from 67*s.* 6*d.* to 70*s.* per cwt. in limited quantity. The crop is slightly earlier this year, but nothing can yet be said as to the outturn.

Citrates have been advanced 1*d.* per lb., making the quotation of potassium 2*s.* 7*d.* and sodium 2*s.* 8*d.*

Citric Acid very scarce at 2*s.* 7*d.* for English, 2*s.* 6*d.* for foreign, and 2*s.* 5*d.* for August.

Cocoa-butter.—At auction 34 cases Brazilian sold at 1*s.* 2⅞*d.* per lb. in bond.

Cod-liver Oil.—Our Bergen correspondent writes on July 27 that prime non-congealing oil is unaltered at 71*s.* per barrel c.i.f. terms, but business is reduced to a minimum.

Copaiba is steady at 1*s.* 8½*d.* for Maracaibo and 1*s.* 6*d.* for Para. On account of the rainy season and the unremunerative prices paid to collectors, arrivals in primary markets have stopped.

Copper Sulphate is a nominal market, at from 19*l.* 15*s.* to 20*l.* per ton for prompt delivery.

Cream of Tartar has been in rather better demand; 98-per-cent. powder is quoted 98*s.* and 95-per-cent. 96*s.*

The exports from Bordeaux have been as follows:

	1911	1912	1913
	Met. tons	Met. tons	Met. tons
Cream of tartar ...	1,881	1,875	1,249
Crude tartar ...	2,761	2,158	2,149

The amounts shipped to the U.K. were as follows: *Cream of tartar*—1911, 1,680; 1912, 1,577; 1913, 1,086 m. tons. *Crude tartar*—1911, 225; 1912, 514; 1913, 464 m. tons.

Dragon's-blood.—The *Agapenor*, from Singapore, has brought 15 cases.

Ergot is steady, with fair sound Russian offering at 1*s.* 9*d.* per lb. spot.

Gum Acacia.—Sudan sorts are firm on the spot at 40*s.* for fair half-hard, and to arrive from 38*s.* to 40*s.* per cwt. c.i.f. Khartoum to London is quoted according to quality. East Indian descriptions are quiet, with sales of No. 1 Ghatti at 25*s.* per cwt. spot. *Senegal* gum is quoted to arrive at 38*s.* 9*d.* f.o.b. Bordeaux for Bas de Fleuve.

Hydrastis.—A large business has been done in New York for export, and the market is firmer. The spot values are from 20*s.* to 21*s.* net.

Ipecacuanha.—Most holders of Cartagena quote 6*s.* 6*d.* per lb. The *Araguaya* has brought 19 packages from Monte Video and seven packages from Bahia.

Lavender-flowers.—Finest picked French of the new crop are offering early this season at about 75*s.* per cwt.

Lemon Oil has an easier tendency, good brands offering for prompt shipment at from 6*s.* 9*d.* to 6*s.* 10*d.* per lb. c.i.f. and new crop at from 7*s.* 1*d.* to 7*s.* 3*d.* c.i.f. for December (1914) to March 1915 shipment. The spot price is from 7*s.* 3*d.* to 7*s.* 6*d.* Terpeneless oil is quoted at from 85*s.* to 95*s.* per lb. As regards new crop lemon oil, it is reported that prices exceed those for prompt shipment, as pressers are not anxious to take engagements for the time, they being unwilling to pay the growers the high prices asked for lemons.

A Sicilian advice, dated July 25, states that trade continues to be very slow all round and the position is weak, since for what little business is done buyers have the upper hand, and can by slowly covering their requirements pick up some parcels at more advantageous figures. We are now again very near to the lowest level which has been touched this season, and which, outside any syndicate of growers, seem to be about the natural limit in the fluctuations of lemon oil this year. There is nothing new to report as to the progress of the growing crop. For some weeks still the lemon growths will be liable to be influenced by any unfavourable change of the weather. Meantime, trade is entirely lifeless for new crop, both buyers and sellers preferring to wait until they have a clearer view of the outlook before stepping in.

Lime Oil.—Second-hand sellers quote fair West Indian distilled at 3*s.* 4*d.* to 3*s.* 5*d.*, and 10*s.* for expressed.

Linseed Oil is about 7½*d.* per cwt. dearer, the closing spot price for pipes being 26*s.* 3*d.* and barrels 26*s.* 7½*d.*

During the past month there has been little change, prices having fluctuated within narrow limits about 15*s.* per ton, and on balance are from 7*s.* 6*d.* to 12*s.* 6*d.* per ton down, according to position. It is worthy of note that forwards have declined more than spot and near deliveries. For some time past there has been little doing in oil, and owing to the continued rise in seed—which since the middle of May has advanced 4*s.* 6*d.* per quarter, while oil is about the same now as then—it is now unremunerative to crush. The continued advance in seed is claimed to be due to a "squeeze" of the "bears," who are covering their sales. The prospective shipments of seed for the balance of the year are less than 50 per cent. of the quantity despatched in the same period of 1913—about 435,000 tons short. Partially off-setting this, however, are the large stocks of oil held in public store, which in the chief centres—London, Hull, Liverpool, Glasgow, Paris, and Amsterdam—are believed to amount to the equivalent of 150,000 tons of seed. This, apart from the supplies at the smaller points; consumers, too, appear to be well stocked. The acreage sown to linseed, both in the U.S. and Canada, is much smaller than last year, and, while the condition of the growing crop in the former country is reported as better than this time a year ago, without doubt the U.S.A. will absorb the whole of the Canadian surplus and probably find it necessary to import from the Argentine as well. On the other hand, consumption generally is not good, and soap-makers are turning their attention to the cheaper oils, such as whale and soya, for the hardening process. From present indications it is believed that a rise in price is more likely than a fall, but should the 1914 Argentine crop prove to be of "record" dimensions the situation would be eased.

Menthol.—Sellers quote Kobayashi-Suzuki at from 10*s.* to 10*s.* 1½*d.* per lb. spot, and a retail business has been done. For September-October shipment, combined with oil, at 12*s.* 7½*d.* per lb. c.i.f. has been paid; menthol alone for January-February shipment is quoted at 9*s.* 7½*d.* c.i.f.

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The exports of menthol from Japan during May amounted to 26,481 kin (April, 40,355 kin), valued at 160,464 yen, and for the five months ended May 31 the figures are as follows:

	1912	1913	1914
Kin	70,112	117,420	191,140
Yen	741,757	1,634,712	1,320,470

The destinations for the five months (January-May) were as follows:

	1912 Kin	1913 Kin	1914 Kin
British India ...	3,795	4,734	7,601
Great Britain ...	16,173	33,397	36,372
France	6,525	18,098	15,126
Germany	28,153	40 548	74,007
United States ...	14,676	15,657	52,432
Other countries ...	790	4,986	5,602
Kin	70,112	117,420	191,140
Yen	741,757	1,634,712	1,320,470
= Cases ...	1,558	2,609	4,248

The exports of *Mint oil* from Japan during May amounted to 27,301 kin (April, 39,653 kin), valued at 88,400 yen, and for the five months (January-May) the figures are as follows:

	1912	1913	1914
Kin	90,880	161,756	196,331
Yen	326,983	636,722	615,639
= Cases	2,020	3,595	4,363

The above are the official figures, and show a total of 8,611 cases for both menthol and oil for the five months.

Mint Oil.—Sellers on the spot quote Kobayashi at 3*s*. 11*d*. and at 3*s*. 7½*d*. c.i.f. declared.

Morphine remains steady at from 9*s*. 4*d*. to 9*s*. 6*d*. per oz. for the hydrochloride-powder.

Nux Vomica.—Arrivals comprise 414 packages, also 214 packages *in transit*.

Opium.—Prices are more or less nominal in view of the European crisis, there being no inducement to buy, and at the moment makers of the alkaloids prefer to look on. A cable from Constantinople quotes 11½-per-cent. at 17*s*. 6*d*. c.i.f.

A Constantinople correspondent writes on July 25 that the weather has become finer, and a large part of the new crop has already been harvested, so that the fear occasioned by bad weather is practically removed. Prices in the interior continue to be very high. Here up to 260 ptrs. has been paid for druggists', while in the interior the prices have gone up to 280 to 290 ptrs. for druggists', and even up to 313 ptrs. for "softs." We think that the prices have reached their maximum, and that a slight decline may be expected if we have a few days without business. The sales of the week are 35 cases "druggists'," of which 19 are to be delivered at 257 to 260 ptrs., six cases "softs," and 23 cases Malatia at 255 ptrs. The stock in Constantinople amounts to 293 cases, against 364, and the arrivals to 169 cases, against 278.

Orange Oil.—Best brands of sweet Sicilian are offered at from 7*s*. 10*d*. to 8*s*. per lb. c.i.f.

Orris.—There appears to be little business, and endeavours are being made to get prices on a lower basis in order to induce the Florentine growers to accept less. Spot values for good Florentine sorts are from 67*s*. 6*d*. to 68*s*. and ordinary 63*s*. 6*d*. to 64*s*. per cwt.

Otto of Rose.—As is usual on a declining market, sales of quantity are difficult to effect. Business has been done recently in new crop at 40*s*. per English oz. by a well-known shipper, but 35*s*. will now readily buy the same brand, which price, however, is nominal. It is said that the new crop of genuine otto is from 10 to 15 per cent. more this season, but taking adulteration into reckoning, estimates of from 25 to 30 per cent. more are given.

Peppermint Oil.—American is a dead letter, the nominal spot value of good brands of this oil being 14*s*., and to arrive there are offers of the new crop for autumn shipment at 10*s*.

Quicksilver.—The leading importers' quotation is 6*l*. 15*s*., second-hands quoting 6*l*. 11*s*. 6*d*. to 6*l*. 12*s*., as to quantity.

Sarsaparilla.—The *Tagus* has brought 15 packages native Jamaica.

Senega.—New crop to arrive is offered at 2*s*. 2*d*. c.i.f., and the spot value is from 2*s*. 3*d*. to 2*s*. 4*d*. net.

Senna.—Genuine so-called Alexandrian leaves are very scarce, much of that offering under this name being Arabian senna. Holders ask up to 1*s*. 1*d*. per lb. for a limited quantity of three-quarter leaf, 1*s*. for good half-leaf, and 5*d*. to 5½*d*. for clean siftings. Little of the new crop Tinnevelly leaf has come forward yet, about 100 bales having arrived from Tuticorin this week.

Shellac is dull and lower, with a retail business, fair TN Orange offering at 61*s*. to 62*s*. Arrival market is nominal. Futures are lower, with a small business, including August delivery at 60*s*. to 59*s*.

Spices.—At auction 95 bales Zanzibar *Cloves* offered and 55 sold without reserve at 5⅞*d*. per lb. for ordinary dark, fair quality being taken out at 6¼*d*.; five cases fair bright Ceylon sold at from 10⅜*d*. to 10⅝*d*. Privately, fair quality Zanzibar is quoted at 6 3/16*d*.; to arrive October-December shipment is quoted 5⅞*d*. c.i.f., and August-October delivery at 6 1/16*d*. *Ginger* was in good supply, but dull of sale, 985 bags being bought in, comprising washed rough Cochin at 25*s*. to 26*s*., brown Calicut rough 30*s*., D rough 23*s*., and cuttings 30*s*. to 35*s*. The large supply of 552 packages West Indian *Nutmegs* practically all sold at previous prices, and of West Indian *Mace* 155 packages sold at steady prices, except for pickings, which were 2*d*. lower; fair to good pale sold at 2*s*. 2*d*. to 2*s*. 6*d*., fair pale and reddish 1*s*. 9*d*. to 1*s*. 10*d*., fair to good red 1*s*. 8*d*. to 1*s*. 9*d*., common 1*s*. 6*d*. to 1*s*. 7*d*, and broken and pickings 1*s*. 1*d*. to 1*s*. 5*d*. Of *Pimento*, 245 bags were bought in at 1⅞*d*. per lb., and of *White* pepper 55 bags Muntok offered and bought in at 9⅛*d*. for about fair; Ceylon (13 cases) sold at 11*d*. for superior washed and 8¼*d*. for good. Privately, spot demand is quiet, with sellers of fair Singapore at 8⅝*d*. and fair Muntok at 9⅛*d*.; to arrive, Singapore for August-October is quoted 7⅞*d*. c.i.f. d.w. The market for *Black* Singapore is dull, with spot sellers of fair at 5*d*. and August-October shipment at 4 17/32*d*. c.i.f.

Tartaric Acid is very firm at 1*s*. 1½*d*. for English and 1*s*. 1*d*. for foreign.

Thymol.—As the result of acute scarcity, up to 12*s*. 6*d*. has been paid and refused, a limited quantity being obtainable in second-hands at 14*s*. to 14*s*. 6*d*. per lb.

Tonka-beans.—Angosturas are quoted on the spot at from 6*s*. 6*d*. to 7*s*. Good black Para are somewhat scarce, and for red and foxy 1*s*. 9*d*. is asked, frosted Surinam being quoted 2*s*. 6*d*. per lb.

Turmeric is very quiet, with Madras finger offering at from 14*s*. 6*d*. to 18*s*. 6*d*. per cwt. for fair to good finger. Bengal for July-August shipment has been sold at 12*s*. 1½*d*. c.i.f.; for Cochin split bulbs 12*s*. 6*d*. has been paid, and August-September steamer shipment to arrive has been sold at 11*s*. c.i.f.

Turpentine is about 6*d*. per cwt. cheaper on the week, closing weak to-day (Thursday) at 33*s*. 6*d*. for American on the spot and 33*s*. 10½*d*. for September-December.

A monthly report intimates that there has been very little price movement. The statistical outlook, however, points to a rise in values. Stocks in London are 20 per cent. smaller than a year ago, while deliveries from this point continue heavier, much of it going to other parts of the country, which are very bare of supplies. In this connection the total imports of turpentine into the U.K. for the first six months of this year are 30 per cent. less than in the same period of 1913. There is a similar stock shortage at Savannah, and at other points in the U.S.A. the receipts of new crop so far are about 25 per cent. less than last year. It is claimed that the 1914 crop will be at least 10 per cent. less than 1913. In view of the foregoing, it is fair to assume that, particularly if consumption in the U.S.A. improves, we are likely to see a higher range of prices before long.

Vanilla.—At auction the small supply of 45 tins offered, and 21 tins sold at steady rates. Of Seychelles, ten tins offered and four sold at 11*s*. 6*d*. for 6½ to 7½ in., and 4½ to 5½ in. at 10*s*. subject; 14 tins Ceylon offered and sold at 9*s*. 6*d*. to 12*s*. 6*d*. for fair to good 3½ to 8 in., and 9*s*. 6*d*. to 10*s*. for common.

Wax, Japanese.—Business has been done to arrive for September-October shipment at 40*s*. 7½*d*. per cwt. c.i.f. terms.

Manchester Chemical Market.

July 28.

The market during the past month has been uneventful. No doubt events in the Near East will cause considerable disturbance in this department, though it will note a marked increase in demand for disinfectants generally. At present there is little movement on spot in this direction. Heavy chemicals rule dull, and the holidays in Lancashire cotton districts exercise a downward tendency. For the time being, therefore, business is restricted. We note little change in this department. In miscellaneous goods there is little change. Sulphate of copper is on the down-grade, owing to the depressed feeling of the raw metal. Sulphate of ammonia is quoted at from 10*l.* 17*s.* 6*d.* to 11*l.* per ton, on rails, Manchester.

Heavy Chemicals.

The general tone of the heavy-chemical market keeps steady, but business generally is rather quieter, which is doubtless mainly due to the holidays usual at this period. Inquiries for miscellaneous articles are not so numerous, and works are principally employed with contract deliveries. Prices for the most part rule unchanged and are fairly firm.

Sulphate of Ammonia.—Figures in this market have dropped back a little, which is probably due to the demand being somewhat quieter. At the same time it must be said that prompt parcels offering are being fairly well taken up. Present nearest figures: London terms, 25-per-cent., 10*l.* 7*s.* 6*d.* to 10*l.* 10*s.*; Leith, 11*l.* 2*s.* 6*d.*; Liverpool, 11*l.*; and Hull, 10*l.* 17*s.* 6*d.* Manufacturers still ask a premium for forward, which runs from 2*s.* 6*d.* to 5*s.* for this year's delivery, and 5*s.* to 7*s.* 6*d.* per ton for next year.

Benzols are quiet, and there is no great disposition on the part of buyers to purchase forward. Present figures: Naked, 90 per cent., 10*d.* to 10½*d.*, and 50 per cent., 10*d.*; North, 8½*d.* to 9*d.* and 9½*d.* to 10*d.* respectively.

Leads are quietly steady. White-lead, 26*l.*; red-lead, 21*l.*; and pig-lead, 20*l.* to 20*l.* 5*s.* per ton, Tyne; white acetate of lead, 24*l.* to 24*l.* 10*s.*; nitrate of lead, 28*l.* to 29*l.* per ton.

Zinc Salts are in good average request at late rates. Zinc-sulphate crystals, 6*l.* 10*s.* to 7*l.*, and zinc chloride, 100° Tw., 6*l.* 10*s.* to 6*l.* 15*s.*

Magnesium Salts continue to move well both on home and export account, and are steady. Sulphate, 67*s.* 6*d.* to 72*s.* 6*d.*; chloride, 72*s.* 6*d.* to 77*s.* 6*d.*; and carbonate about 27*s.* per cwt.

Strontium-products call for little special comment. There is a fair average demand, and prices are maintained. Precipitated carbonate of strontia, 90 to 95 per cent., 11*l.* to 12*l.* 10*s.* per ton, according to quantity, etc.; mineral carbonate of strontia, 86 to 90 per cent. lump, 14*l.*, and 80 to 85 per cent. smalls, 12*l.* per ton; hydrate of strontia crystals, 9*l.* to 9*l.* 15*s.* per ton in casks.

Reunion Essential Oils.

According to the British Consul at Réunion, the exports of ylang-ylang oil and the average prices realised during the past five years have been as follows: 1909, 3,962 lb. (12*s.* per kilo.); 1910, 12,100 lb. (8*s.*); 1911, 3,636 lb. (7*s.* 4*d.*); 1912, 5,560 lb. (6*s.*); and 1913, 4,158 lb. (6*s.*). The prices have kept fairly steady since last year, and there is no prospect (says the Consul) that they will decline in any appreciable manner. The estimates for 1914 predict an increase. During 1913 the exports of vetivert oil were 1,846 kilos. (4,061 lb.), and the price varied between 55f. (2*l.* 4*s.*) and 65f. (2*l.* 12*s.*) per kilo., the net average price being 60f. (2*l.* 8*s.* per kilo.). The demand for this oil is small, and no increase in output is expected this year. The exports of geranium oil were given in last week's issue of the *C. & D.*

Polish Potato Starch.

During the second year of the existence of the Warsaw Starch Syndicate (Association des Producteurs de Fecule, Rue Wlodzimierska 16, Warsaw) the number of associated factories had increased to forty-nine. Six new factories have joined the Syndicate, which now consists of fifty-five works with a normal production of 16,166 tons (about 160,000 bags). During the year 1912-13 campaign the production of the associated factories decreased considerably, the bad crop and the high prices paid for potatoes by the spirit-distillers unfavourably influencing the farina production. In spite of this, however, the Syndicate succeeded in exporting about 60,000 bags (6,000 tons), of which over 3,000 tons went to the United Kingdom. The export prices for superior farina were 11*l.* to 12*l.* 10*s.* per ton and more, c.i.f. Manchester, etc. The quality has been still further improved, and many of the export brands of Polish farina are considered to be equal to the German.

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Correspondence

Memoranda for Correspondents.

All communications must be accompanied by the names and addresses of the writers, otherwise they cannot be dealt with.

Queries by subscribers on dispensing, legal, and miscellaneous subjects connected with the business are replied to in these columns if they are considered to be of general interest.

Correspondents are requested to write each query on a separate piece of paper. Every endeavour is made to reply to queries without delay, but insertion of the replies in "the next issue" cannot be guaranteed, nor, as a rule, can they be sent by post.

Letters submitted for publication (if suitable) should be written on one side of the paper only. Their publication in "The Chemist and Druggist" does not imply Editorial agreement with the opinions expressed.

A "B.D.H." Disclaimer.

Sir,—In an open letter to chemists in the British Empire which appears in the Supplement to The Chemist and Druggist, July 25, the advertiser makes use of the name of our company.

We shall be much obliged if you will be so good as to state in your next issue that such use of our name is made without our knowledge or consent, and has not our approval.

We are, Sir, yours faithfully,
For The British Drug-houses, Ltd.,
Charles Alex. Hill, Managing Director.

22-30 Graham Street, London, N.

The Toast at the B.P.C. Dinner.

Sir,—International law exacts a very high standard of courtesy in the intercourse of independent States. The pharmaceutically independent States of Great Britain and Ireland—besides others from the Dominions beyond the seas—being gathered together at Chester at a public dinner before the Mayor, the toast was proposed—not of the "Pharmaceutical Societies of the British Empire," but of only one. This, I submit, is a distinct and gross breach of courtesy, which should not have happened.

Yours truly,
Dublin, July 22. J. C. McWalter.

Pulv. Glycyrrhizæ Co.

Sir,—I was very interested in the letter as to sulphur in compound liquorice-powder in your issue of July 11, and would like to say that some years ago I suggested the use of potassium nitrate with the nitric acid, which assisted in preventing loss, seeing that as the sulphuric acid was formed it became converted into potassium sulphate. The carbon-disulphide method will not be of much use, seeing that flowers of sulphur contains from 5 to 10 per cent. of sulphur insoluble in this liquid; moreover, if the carbon disulphide contains water, which it often does, because it is rectified by steam distillation—a safer method—the solvent action is reduced considerably. The method suggested is not quite new, although the hint that nitric acid must be entirely expelled is worth a strong emphasis, and cannot be too often called attention to, as also is the rate at which the acid must be added and the kind of vessel most suitable. May I say, in conclusion, that for the determination of total sulphur in antim. sulphuretum by the nitric-acid method the addition of Rochelle salt is even better than the addition of potassium nitrate or that of potassium chlorate in the opinion of

Yours faithfully,
Birmingham. F. H. Alcock.

Assistants in Ireland

Sir,—The reference to the scarcity of chemists' assistants (*C. & D.*, July 4, p. 36) is scarcely correct. It it well known that salaries in Ireland are very much lower than in other parts of the British Isles. Unqualified men get from 40*l.* to 80*l.* per annum outdoors, and a Licentiate of the Pharmaceutical Society seldom earns

more than 100*l.* to 150*l.* per annum; while hours of business are from sixty to seventy a week. It is a fact that, as the Irish qualification is not recognised in England, many Irish Ph.C.s have to accept positions as assistants or else seek employment in our Colonies. It is hardly to be expected that, under the above conditions, there will be a rush of applicants to serve a four years' apprenticeship. Yours truly,

Qualified. (36/45.)

[The foregoing scarcely controverts the fact mentioned in the news paragraph—viz., that assistants are exceptionally scarce in Dublin at present. We have since learnt that another reason is that Irish assistants are to a considerable extent coming to England in consequence of the demand for Insurance dispensing.—Editor *C. & D.*]

Business Science and a Trade Union.

Sir,—Last week was Conference week at Chester, and in the Practice Section Mr. T. O. Barlow read a very able paper on "Business Science." Every pharmacist should read it and thoroughly digest it. Mr. Barlow suggested that every man should carry on his business worthy of the best traditions of pharmacy, and as a business man, and I would add to that that every man should study the interests of pharmacy as a whole. To do this there must be co-operation, which must result in trade unionism. Why, then, should pharmacy not have its trade union, and a man once qualified bound to abide by its laws? The advantages of such a union would be many. We should have a perfect understanding between local pharmacists, whereas now each one looks the other askance. We should have a local price-list, and each man should abide by it, thereby doing away with cutting. Also we should have co-operative buying, thereby buying better and in the best markets. If we can get but a few of these advantages to materialise it will be something attempted, something done.—Yours faithfully, Maxwell Hart.

Payment for Insurance Dispensing.

Midlander (48/40) writes in regard to the interview granted by Mr. Masterman to representatives of the Pharmaceutical Society, whose policy he refers to as "do nothing" and "wait and see." Continuing, he says that the Society should now proceed to get panel chemists' agreements modified along the following lines:

"If properly administered, 1*s.* 6*d.* per insured person should be ample to meet all reasonable demands for drugs, the fund to be a central one; surpluses would then balance shortages. The floating sixpence to remain as at present. Any excess over 2*s.* in any district to be a surcharge on the medical men, as they, and they only, are responsible for expensive or excessive prescribing. Regulation 40 is unreasonable, and should be cancelled; it pits one set of officers against another, and must always be a menace to the smooth and amicable relations that should exist between doctor and chemist. All chemists' accounts to be paid in full from the 'Central Fund' after being passed by the various Committees. All agreements to be between the Commissioners. The Tariff to be a universal one, and to contain a short Pharmacopœia. All prescription-forms to be issued in duplicate to the chemist, to be universal, and to be dispensable by any chemist on the panel wherever situate. No alterations to be allowed at the caprice of the various Committees. The suggestion of taking any excess over 2*s.* from the Medical Fund may at first appear drastic, but from an experience of handling nearly 20,000 scripts per quarter I have found variations of as much as 100 per cent. between the value of those in one district as against those in another in the same town, both districts being working-class; the value of those in the highest has gradually risen from 7.87*d.* to 12.69*d.* during the past six quarters. Other reasons are that a large number of medicines dispensed are not claimed by the insured person; also it is no infrequent occurrence to have scripts handed in for dispensing that have been in the insured person's possession two or three weeks and even longer, while in one instance a prescription for a repeat mixture was presented before the original (issued two weeks previously) had been dispensed. These cases clearly show that the same care is not being exercised at the present time as formerly. If the dispensing is to be of any service the accounts must be paid in full, and it behoves all chemists to look at the matter from a commercial rather than from a professional aspect."

Subscribers' Symposium.

For questions, answers, incidents, and interchange of opinions among "C. & D." readers.

Here's a Good One.

"'Please for three-pennyworth of Combination scent.' Carnation was supplied, and seemed to suit."—*C. S. Clark.*

"At the Counter" Puzzle.

"*Re* facsimile of order to J. Bell & Croyden (*C. & D.*, July 25, p. 198):

'Please send per bearer two indiarubber hot-water bottles. Send the housekeeper your bill for the same.'

Is this far out?"—*R. T. Garton.*

[Mr. J. D. Marshall informs us that the correct rendering is: "Please send for two indiarubber hot-water bottles and covers; two have been kept. Send bill for the same."]

"Pharmaceutical Formulas."

Ph.C. (44/54) writes: "I have recently purchased 'Pharmaceutical Formulas,' and must say I have found it a very profitable investment." [The new edition is here referred to. It may be obtained through any wholesale house for 10*s.*, or direct from our office, 42 Cannon Street, London, at 10*s.* 6*d.*, post free.]

Postcard Replies Urgently Wanted.

"I shall be glad to receive information from Secretaries to Pharmaceutical Committees in various parts of the country, on a postcard if possible, of arrangements made and remuneration allowed to doctors for the supply of emergency medicines. Our Drug Fund is bankrupt, so that the matter is one for careful consideration."—*C. W. Kemsey-Bourne*, Hon. Secretary, West Bromwich Pharmaceutical Committee (255 High Street, West Bromwich).

The Action of Turpentine on Lead.

Referring to a previous inquiry regarding the action of turpentine on lead, we hazarded the opinion that there was no action. *Turps* (20/3) writes: "Since sending this query I have placed various samples of lead in pure American turpentine, and on standing for two or three days a white sediment forms. What is the composition of the precipitate, and can you give an explanation of the reaction?" [We pass the problem on to our readers, and shall be glad of suggestions.—Editor.]

Fool-proof Shutter Wanted.

"When metal shutters of the Bausch and Lomb, Kolios, Lukos, Sector, etc., types are set for time, opened, the indicator then altered to bulb or a snapshot speed, without first closing the shutter, the mechanism is thrown out of order, and on being returned to the maker a fancy price is charged for putting it right. Can some mechanical genius suggest to metal-shutter makers a way of making shutters that won't go wrong? This defect is the great weak spot in metal shutters, and it happens so frequently. Is there any simple, quick way of putting shutters right when disabled?"—*C. W. Kemsey-Bourne* (West Bromwich).

Multiple Warts on Hands.

J. G. (43/52), writing from India, states: "I have been a resident in the Tropics for the past twenty years, and always cycle to business and home. My hands are therefore exposed to the sun for half an hour or so daily. I wonder if this is the cause of the warts on the hands? The warts are very numerous, and at a distance look like freckles. They are less prominent in the colder months. I thought some *C. & D.* reader might offer suggestions as to preventing and curing the affection." [If the warts could be removed it is probable that, if light is a factor in producing them, the application of quinine or æsculin solution before exposure would prevent the formation in future by cutting off the ultra-violet rays.—Editor.]

Legal Queries.

The majority of difficulties in regard to trade law are anticipated by the legal information printed in "The Chemist and Druggist Diary," 1914. See especially pp. 469-499.

Bootle Subscriber (47/56).—Phosphorus paste is not a scheduled poison in Great Britain; it is in Ireland.

Shop Hours (47/55).—Until the Shops Act is repealed, chemists who keep their shops open for permitted purposes on half-holidays must exhibit two such cards as the one which we supply.

R. G. (44/74).—If you refer to the *C. & D. Diary*, p. 471, you will find that carbolic lotions containing more than 3 per cent. of the acid may be sold by registered chemists only.

Mana (41/15).—Tincture of iodine and corn-silk containing extract of Indian hemp are not scheduled poisons. Commercial hydrochloric acid is a poisonous substance within the meaning of the Poisons and Pharmacy Act, 1908, Section 5.

E. (29/15).—The case of the Pharmaceutical Society *v.* Edwards was heard by Lord Chief Justice Alverstone and Justices Bray and Pickford, as a Divisional Court of King's Bench, on April 19, 1910. The Society was represented by Mr. Lancelot Sanderson, K.C., M.P., and Mr. Glyn-Jones, and the appellant by Mr. Danckwerts, K.C., and Mr. Bonsey. The matter was fully reported in the *C. & D.*, April 23, 1910, which you may consult at our office any time during office-hours.

W. B. (43/24).—It was in 1880 that The Chemist and Druggist obtained the concession from the Commissioners of Inland Revenue permitting the sale by pharmaceutical chemists and all registered chemists and druggists of not more than 8 oz. of rectified spirit at one time to medical and scientific gentlemen for medical or scientific research. See *C. & D. Diary*, p. 498. Why did you not refer to the *Diary* when the Excise officer told you that you were wrong? That is the place to look when in doubt.

Miscellaneous Inquiries.

We do not undertake to analyse and report upon proprietary articles, and when samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how.

We do not as a rule repeat information which has been given in this section during the past twelve months, as it occupies space which can be more profitably utilised for other information. In such cases the numbers are mentioned, and if querists cannot refer to these they may obtain the numbers from the "C. & D." Office at the published price, usually 6d.

T. A. C. (15/6).—Spiced-vinegar Essence:

Ol. pimentæ	ʒij.
Ol. caryoph.	ʒj.
Ol. myrist.	♏xv.
Tr. capsici	ʒij.
Ac. acetici	℥iv.
Ac. acet. glac. ad	℥viij.

One tablespoonful to be added to a gallon of vinegar.

G. S. (Como) (20/52).—Cycle-tyre.—Rubber solution is used for repairing cracks in the rubber of cycle-tyres. The form in which it is sometimes employed is a mixture of powdered raw rubber with carbon bisulphide or benzine, made in the form of a paste.

H. L. M. (7/7).—White shellac becomes insoluble on keeping, but why it does so has not been satisfactorily explained.

J. E. (21/60).—We do not know the composition of the hair-wash to which you refer, but it has been stated to contain borax, glycerin, and ammonia.

J. A. (17/28).—Manganese borate would probably be the best siccative with which to experiment. It is used in the proportion of 1 in 500.

T. S. (18/14).—Books on the Treatment of Epilepsy.—Gowers' "Epilepsy and other Chronic Convulsive Diseases: Their Causes, Symptoms, and Treatment" (1901, 10*s.* 6*d.*); Letchworth's "Care and Treatment of Epileptics" (1900, 16*s.*); Spratling's "Epilepsy and its Treatment" (1904, 16*s.*).

C. B. (18/59).—Veterinary Remedy.—The powder you send, which is employed as a preventive and cure for milk-fever and inflammation of any kind in animals, consists mainly of powdered marshmallow-root and slippery elm. We cannot get at the source of the grey colour.

J. H. M. (Cape Colony) (14/62).—Cold-soldering.—The "solution" employed in one process of cold-soldering is the ordinary zinc-chloride flux. In this method of soldering the parts are carefully fitted together and moistened with ammonium-chloride solution or zinc-chloride flux and a piece of tin-foil placed between the parts, which are then warmed in a lamp until the foil melts and unites the parts. Another process—so-called cold process—consists in the employment of Sullivan's copper amalgam—made by rubbing together 3 parts of precipitated copper, moistened with dilute sulphuric acid, and 6 parts of mercury. The amalgam is formed into pellets, which before use are warmed in an iron spoon till pasty, this paste being applied to the surfaces to be united. Sullivan's amalgam is also used for stopping teeth, but only in positions in which it is not seen, as it turns black in a short time, and also discolours the teeth into which it is placed.

Pyramidon (22/55).—Hair-tonic.—There is scarcely any analytical character about the sample of hair-tonic which you send. We suggest that a lotion containing glycerin of borax and rose-water would meet the case.

Photo (11/9).—Glazing-solution for Photographs.—This is wood-naphtha containing formaldehyde. The gelatin prints are soaked in this solution just before they are squeegeed on to a polished sheet of plate glass. The combined action of the spirit and formaldehyde prevents the prints sticking to the glass, and also ensures a hard, bright surface.

C. S. (Paris) (254/65).—Transparent Cosmetic.—The sample you send appears to have been made from a formula such as the following:

Pears' soap	8 oz.
Water	1 oz.
Almond oil	½ oz.

Melt together, and when cold add a sufficient quantity of the following mixed perfume:

Bergamot oil	1 dr.
Palmarosa oil	4 dr.
Cinnamon oil	4 dr.
Neroli oil	2 dr.
Eugenol	2 dr.
Isosafrol	15 drops
Terpineol	4 dr.

Mix.

G. C. C. (242/61).—Hat-cleaning Powder.—The sample you send appears to consist simply of borax. These powders are generally a mixture of potassium binoxalate or cream of tartar with either borax or an acid such as oxalic or tartaric.

S. W. E. (3/20).—Silver Soap.—This differs from the usual variety, which consists generally of finely powdered whiting incorporated with curd-soap by means of a little water. Your sample consists of soap mixed with a very smooth variety of kieselguhr, with a small quantity of dextrin and sufficient aniline dye to tint it pink. A good soap for cleaning silver is made by the following process:

Household soap	3½ lb.
Water	1 gal.

Dissolve and add aniline-red to colour. Next incorporate this in a mill with—

Kieselguhr, Whiting ... ... of each	14 lb.
Dextrin	8 oz.
Water	2 pints

Press into cakes and dry in a current of air.

J. R. H. (British Columbia) (23/53).—Falling Hair.—The hair should twice a week be carefully shampooed with sapo mollis, B.P., and sp. vini rect., of each equal parts. Then when dry the scalp should be rubbed with the following stimulating lotion until a slight warmth is experienced:

Tinct. cantharid., Tinct. capsici ... ... aa.	ʒiv.-ʒj.
Sp. vini rect.	℥xvj.

Misce.

The patient should practice brushing the scalp and hair for prolonged periods each morning and evening, using for the purpose a stiff-bristle brush. The stimulating effect of brushing the scalp is a valuable method of counteracting the effects which result in the hair falling out.

Subscriber (48/44).—You will find the rule for pricing proprietary articles in Insurance prescriptions on p. 231 of the *C. & D. Diary*, 1914.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," August 15, 1864.

The Constitution of Wood Spirit.

At a recent meeting of the Chemical Society Mr. William Dancer, of Manchester, laid before the members a careful analysis of crude wood spirit, from which it appears that that substance consists mainly of methylic alcohol mixed with variable proportions of acetate of methyl, acetone, and bi-methyl-acetal. Mr. Dancer ignores the existence of the body named xylyl, said by some chemists to be found in crude wood spirit.

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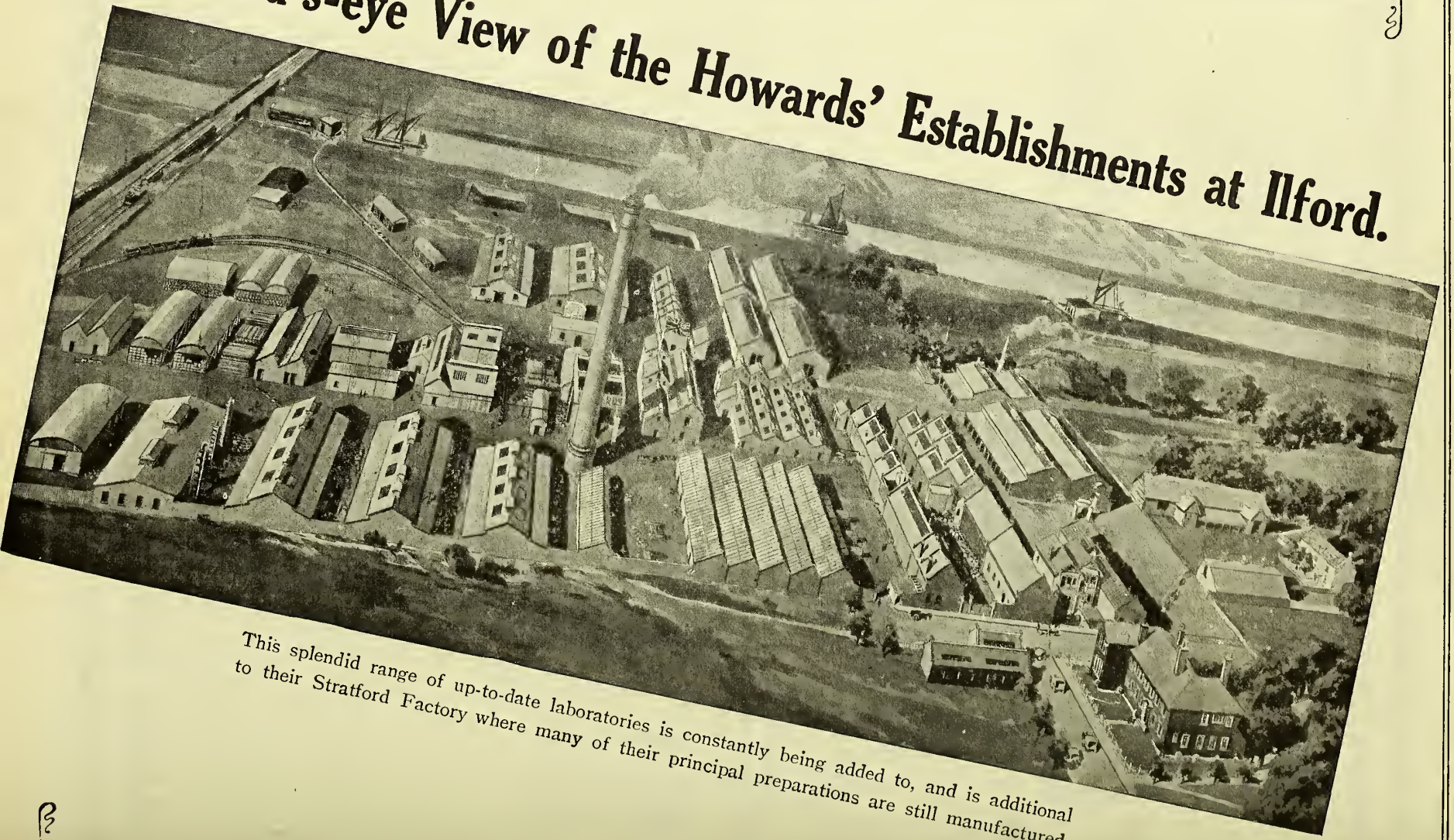

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Emetine for Hæmoptysis: Vide *Press Médicale, Paris*, September 21.—"The result is surprising, hæmorrhage from the lung ceasing at once."—Prof. C. Flandi.

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3½d. bottles (make 2 gallons) 2/9 doz. Gross lots 2/6 doz.
Customer's own name on gross lots. *Special Cartons.*

PRICES ISSUED WEEKLY.

Original Packages can generally be supplied at the Current Prices quoted in the Trade Report of this Paper on Terms as below.

Acetanilid, B.P., 1 cwt. @ 9½d. lb ; 7 lbs. @ 1/- lb.; 1 lb. @ 1/1 lb.; powder, 1d. lb.
*Acet. Ipecac. B.P., 7 lbs. @ 1/5 lb. [extra.
* „ Scillæ, P.B., 7 lbs. @ 3d. lb.
*Acetone, 6 lbs. @ 1/4 lb.; 1 lb. @ 1/6 lb.
*Acid. Acet. Glacial., 99% Carboys, 160 lbs. @ 4½d. lb.; 12 6-lb. bots. @ 7d. lb.; 6 lbs. @ 8d. lb.
„ Acetylo-Salicyl., 1 cwt. @ 1/10½ lb.; 56 lbs. @ 1/11 lb.; 7 lbs. @ 2/2 lb.; 1 lb. @ 2/5 lb.
„ Benz. P.B., 7 lbs. @ 1/8 lb.; 1 lb. @ 2/- lb.
„ Boric Pulv., 3 cwt. @ 32/- cwt.; 1 cwt. @ 32/6 cwt.; levigd. 3/- cwt. or ½d. lb. extra.
„ Carbol. Xtls., 39/40; 56 lbs. @ 5d. lb.; 10 lb. Tins @ 6/- each; 36 1-lb. Bots. @ 9½d. lb.; Single Bots. @ 1/- lb.; Detached Cryst. 10 lb. Tins @ 8/- each; 1 lb. @ 1/2 lb.; Crude Black, 45 gall. casks @ 1/- gall.; 5 gall. drums @ 1/4 gall.; 1 gall. tins @ 1/6 each.
„ Diethylbarbituric, 16 oz. @ 16/- lb.; 1 oz. @ 1/4 oz.
„ Gallic pur. P.B., 7 lbs. @ 2/- lb.; 1 lb. @ 2/2 lb.
*„ Hydrobrom., Dil. P.B., 6 lbs. @ 7½d. lb.
Ammon. Brom., P.B., 1 cwt. @ 2/1½ lb.; 7 lbs. @ 2/3½ lb.
Ammon. Carb. lump, 3 cwt. @ 4d. lb.; 28 lbs. @ 5¼d. lb.; 7 lbs. @ 5¾d. lb.; powder, ½d. lb. extra.
Ammon. Chlor., 99% pulv., 1 cwt. @ 33/- cwt.; 7 lbs. @ 4d. lb.; Batteries, 4/- cwt. extra.
Apiol, 1 lb. @ 27/6 lb.
*Aqua Laurocerasi, 53 lbs. for 20/-; 6 lbs. @ 7d. lb.
* „ Menth. Pip. Conc., 1-40, 1 lb. @ 3/- lb.

Bals. Copaibæ, pure, 44 lbs. @ 2/- lb.; 9 lbs. @ 2/1 lb.; 1 lb. @ 2/6 lb.
„ Peruv., P.B., 7 lbs. @ 7/6 lb.; 1 lb. @ 8/- lb.
„ Sulphur, 7 lbs. @ 8d. lb. [lb.
„ Tolut. B.P., 50 lbs. @ 2/8 lb.; 1 lb. @ 3/9
Benzo-Naphthol, 7 lbs. @ 2/8 lb.; 1 lb. @ 3/- lb.
Bismuth, P.B., Carb., 28 lbs. @ 8/8 lb.; 7 lbs. @ 8/10 lb.; 3 lbs. @ 9/1 lb.; 1 lb. @ 9/3 lb.; subnit. 1/- lb. less.
Boracic Mixture, 1 cwt. @ 43/6 cwt.
Borax, 1 cwt. @ 19/6; powder 1/- extra.
Butyl Chloral Hydras., P.B., 1 lb. @ 8/10 lb.

Cetaceum, No. 1, fine wbite, 64 lbs. @ 11d. lb.; 7 lbs. @ 1/1 lb.; powder, 7 lbs. @ 1/6 lb.
Chloral Hydras Cryst. B.P., 7 lbs. @ 3/3 lb.; 1 lb. @ 3/8 lb.
*Chlorodyne, 5 lbs. @ 2/- lb.
*Chloroform, pure, B.P., 12 8-lbs. @ 1/6 lb.; 8 lbs. @ 1/7½ lb.; 6 1-lb. bots. @ 1/9½ lb.
Chloropbyll, 7 lbs. @ 5/- lb.; 1 lb. @ 5/9 lb.
Cocaine Hydrochlor., B.P., 25 ozs. @ 4/8 oz.; 4 ozs. @ 5/- oz.; 1 oz. @ 5/9 oz.
Creasote, Beechwood, P.B., 22 lbs. @ 1/11 lb.; 7 lbs. @ 2/1 lb.

Emp. Picis, P.B., 7 lbs. @ 8½d. lb.
„ Plumbi, P.B., 7 lbs. @ 8½d. lb.
„ Resinæ, P.B., 7 lbs. @ 8½d. lb.
„ Roborans, 7 lbs. @ 8½d. lb.
Emulsio Ol. Morrbuæ, 5 lbs. @ 11d. lb.
*Ext. Belladonnæ Liq., B.P., 5 lbs. @ 4/3 lb.; 1 lb. @ 4/8 lb.; solid, 7 lbs. @ 4/3 lb.
Ext. Cascara Sag. Liq., B.P., 1 cwt. @ 1/0½ lb.; 10 lbs. @ 1/2 lb.
*Ext. Ergot. Liq. P.B., 5 lbs. @ 4/- lb.; 1 lb. @ 4/6 lb.; Solid, P.B., 4 lbs. @ 17/- lb.; 1 lb. @ 18/- lb.
Ext. Gent., P.B., solid, 1 cwt. @ 9½d. lb.; 7 lbs. @ 10½d. lb.
*Ext. Glycyrrh. Liq., B.P., 6 lbs. @ 1/4½ lb.
*Ext. Hamamelis Liq., P.B., 5 lbs. @ 3/5 lb.
*Ext. Ipecac. Liq., P.B., 5 lbs. @ 14/- lb.; 1 lb. @ 15/- lb.
*Ext. Nucis Vom. Liq., P.B., 5 lbs. @ 3/- lb.; 1 lb. @ 3/3 lb.; solid, 5 lbs. @ 2/9 lb.; 1 lb. @ 3/- lb.
Ext. Quassiæ, Solid, 7 lbs. @ 6/- lb.; 1 lb. @ 6/4 lb.
Ext. Sarsæ Co. Solid, 7 lbs. @ 4/- lb.; 1 lb. @ 4/6 lb.
*Inf. Aurant. Conc., 1 to 7, 6 lbs. @ 1/3 lb.
*„ Aurant. Comp. Conc., 1 to 7, 6 lbs. @ 1/3 lb.
* „ Buchu Conc., 1 to 7, 6 lbs. @ 2/2 lb.
* „ Calumbæ Conc., 1 to 7, 6 lbs. @ 11d. lb.
* „ Caryoph. Conc., 1 to 7, 6 lbs. @ 1/- lb.
* „ Cascarilla Conc., 1 to 7, 6 lbs. @ 1/4 lb.
* „ Cinchonæ Acid, 1 to 7, 6 lbs. @ 1/7 lb.
* „ Gentianæ Co., 1 to 7, 6 lbs. @ 1/1 lb.
* „ Quassiæ Conc., 1 to 7, 6 lbs. @ 9d. lb.
* „ Rhei Conc., 1 to 7, 6 lbs. @ 1/6 lb.
* „ Rosæ Acid. Conc., 1 to 7, 6 lbs. @ 1/8 lb.
* „ Senegæ Conc., 1 to 7, 6 lbs. @ 2/4 lb.
* „ Valerian Conc., 1 to 7, 6 lbs. @ 1/3 lb.

Lin. Camph. P.B., 40 lbs. @ 1/- lb.; 9 lbs. @ 1/1 lb.

Mag. Calc. Levis, 56 lbs. @ 8d. lb.; 5 lbs. @ 10d. lb.; 1 lb. @ 1/- lb.
Mag. Calc. Pond., 7 lbs. @ 1/10 lb.; 1 lb. @ 2/- lb.
Mag. Carb. Pond., 56 lbs. @ 6½d. lb.; 7 lbs. @ 7½d. lb.
Mag. Carb. Levis., 1 cwt. @ 25/-; 7 lbs. @ 4d. lb.
Mag. Sulpb., fine druggists', B.P., 1 cwt. @ 7/3 cwt.

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*Mist. Sennæ Comp. B.P., 20 lbs. @ 6½d. lb.; 6 lbs. @ 7½d. lb.
Morphinæ Acet. Hydrocblor. or Sulpb., Pulv. B.P., 25 oz @ 9/5 oz.; 16 oz. @ 9/7 oz.; 8 oz. @ 9/10 oz.; 1 oz. @ 10/6 oz.; Pur. Præcip. Bimeconate or Tart. 1 oz. @ 13/- oz.
Morphinæ Diacetyl., 4 oz. @ 12/8 oz.; 1 oz. @ 13/2 oz.; Hydrochlor., 6d. per oz. less.

Naphtbalene Candles or Balls, 1 cwt. @ 13/6 cwt.; 56 lbs. @ 16/- cwt.; 28 lbs. @ 18/- cwt.

Ol. Amygdal. Essent. Artificial, free from Chlorine, 5 lbs. @ 3/- lb.; 1 lb. @ 3/9 lb.
Ol. Anethi Ang. B.P., 1 lb. @ 14/6 lb.
Ol. Aurant., 12 lbs. @ 12/- lb.; 1 lb. @ 12/6 lb.; not guaranteed absolutely pure.
Ol. Cajuput., B.P., 21½ oz. bots. @ 3/6 lb.
Ol. Caryopb. Ang., B.P., 9 lbs. @ 4/3 lb.; 4½ lbs. @ 4/5 lb.
Ol. Olivæ, P.B., good yellow, guaranteed pure, 45 gall. Barrels @ 4/10 gall.; 2-gall. tins @ 5/9 gall.; fine cream, 9 lb. tins @ 8/6 each.
Ol. Ricini Alb. Opt. Medicinal, 176 lbs. @ 40/6 cwt.; 88 lbs. @ 42/- cwt.; 44 lbs. @ 44/- cwt.; 9 lbs. @ 6d. lb.; for export, 1 cwt. drums recommended, 9/6 each extra.
Ol. Santal. Flav. Ang. B.P., 5 lbs. @ 21/6; 1 lb. @ 22/6 lb.

Soda Salicyl. Pulv., 7 lbs. @ 1/5 lb.; phys. pur., 28 lbs. @ 2/1 lb.; 1 lb. @ 2/4 lb.
Soda Sulphite, Recryst., 1 cwt. @ 16/6 cwt.; 7 lbs. @ 4d. lb.
Soda Sulpbocarbolas, B.P., 7 lbs. @ 11d. lb.; 1 lb. @ 1/1 lb.
Sodii Bromid., P.B., 1 cwt. @ 1/11½ lb.; 7 lbs. @ 2/1½ lb.
Soda Hyposulpbite, pea cryst., 1 cwt. @ 8/6 cwt.
*Spt. Æther Nit. P.B., 4½ lbs. @ 3/7½ lb.; 1 lb. @ 3/10½ lb.
*Spt. Ammon. Aromat., P.B., 5 lbs. @ 2/10 lb.
*Spt. Chloroform, P.B., 5 lbs. @ 3/7 lb.
Strychnina Cryst. B.P., 25 ozs. @ 1/9½ oz.; 1 oz. @ 2/1 oz.; Hydrochlor. and Sulphate, 2d. oz. less.
*Syr. Aurant. P.B., 7 lbs. @ 9½d. lb.
* „ Easton, B.P., 7 lbs. @ 1/0½ lb.
* „ Ferri Iodid. P.B., 7 lbs. @ 1/5 lb.
* „ Ferri Phosph. Co., 7 lbs. @ 5½d. lb.
* „ Hypophosph. Co. B.P.C., 7 lbs. @ 9½d. lb.
* „ Pruni Virg. B.P., 8 lbs. @ 7½d. lb.
* „ Rhamni, 7 lbs. @ 10½d. lb.
* „ Rhei, P.B., 7 lbs. @ 8d. lb.
* „ Scillæ, P.B., 7 lbs. @ 5d. lb.
* „ Sennæ, P.B., 7 lbs. @ 8½d. lb.
* „ Tolut, P.B., 7 lbs. @ 8½d. lb.

Tinct. Aurantii Recens., B.P., 5 lbs. @ 3/6 lb.; bond, 8½d. Aquos. 10d. lb.
*Tinct. Belladon., B.P., 5 lbs. @ 2/11 lb.; bond, 6½d. Aquos, 1/- lb.
*Tinct. Benzoini Comp., P.B., 5 lbs. @ 3/6 lb.; bond, 10d.
*Tinct. Camph. Comp. P.B., 5 lbs. @ 2/5 lb.; bond, 6½d. Aquos, 1/1 lb.
*Tinct. Cantharidis, P.B., 5 lbs. @ 3/9 lb.; bond, 6d. lb.
*Tinct. Capsici, B.P., 5 lbs. @ 3/3 lb.; bond, 6d. lb. Aquos, 10d. lb.
*Tinct. Card. Comp., P.B., 5 lbs. @ 2/8 lb.; bond, 7½d. lb. Aquos, 1/- lb.
*Tinct. Catechu, P.B., 5 lbs. @ 2/8 lb.; bond, 7½d. lb. Aquos, 1/- lb.
*Tinct. Chlorof. c. Morph., B.P. 1885, 5 lbs. @ 2/- lb.; bond, 1/6½ lb.
*Tinct. Cinchon. Comp., B.P., 5 lbs. @ 3/5 lb.; bond, 1/0½ lb. Aquos, 1/4 lb.
*Tinct. Cinchon. Rub., P.B., 5 lbs. @ 3/- lb.; bond, 10d. lb. Aquos, 1/2 lb.
*Tinct. Digitalis, B.P., 5 lbs. @ 2/8 lb.; bond, 6½d. lb. Aquos, 1/- lb.
*Tinct. Gelsem. P.B., 5 lbs. @ 2/10 lb.; bond, 6½d. lb. Aquos, 1/3 lb.
*Tinct. Gentianæ Comp., B.P., 5 lbs. @ 1/11½ lb.; bond, 7½d. lb. Aquos, 1/- lb.
*Tinct. Hyoscyami, B.P., 5 lbs. @ 2/5 lb. bond, 7½d. lb. Aquos, 1/5 lb.
*Tinct. Iodi. B.P., 5 lbs. @ 4/4 lb.; bond, 1/8 lb.; decolor., 5 lbs. @ 4/8 lb.; bond, 1/5½.
*Tinct. Lavandulæ Comp., B.P., 5 lbs. @ 3/10 lb.; bond, 7½d. lb. Aquos, 1/- lb.
*Tinct. Myrrbæ, B.P., 5 lbs. @ 3/9 lb.; bond, 9½d. lb.
*Tinct. Nucis Vom., B.P., 5 lbs. @ 2/10 lb.; bond, 6d. lb. Aquos, 1/2 lb.
*Tinct. Opii., B.P., 5 lbs. @ 3/8 lb.; bond, 2/9 lb.
*Tinct. Opii Aquos., 5 lbs. @ 2/8 lb.
*Tinct. Quininæ Amm., B.P., 5 lbs. @ 2/7½ lb.; bond, 1/0½ lb.
*Tinct. Rhei Co., B.P., 5 lbs. @ 2/6 lb.; bond, 10d. lb. Aquos, 1/- lb.
*Tinct. Scillæ, B.P., 5 lbs. @ 2/6 lb.; bond, 7½d. Aquos, 10d. lb.
*Tinct. Senegæ, P.B., 5 lbs. @ 3/3 lb.; bond; 1/5½ lb. Aquos, 1/5½ lb.
*Tinct. Strophanth., P.B., 5 lbs. @ 3/5 lb.; bond, 8½d. lb.
*Tinct. Valerianæ, 5 lbs. @ 2/8 lb.; bond, 6d. lb. Aquos, 1/- lb.
*Tinct. Valerianæ Ammon., P.B., 5 lbs. @ 3/1 lb.; bond, 8½d. lb. Aquos, 1/2 lb.
*Tinct. Zingib., P.B. 5 lbs. @ 4/- lb.; bond, 6½d. lb.
*Tinct. Zingib. Fortior., 5 lbs. @ 4/3 lb.; bond, 10½d. lb.

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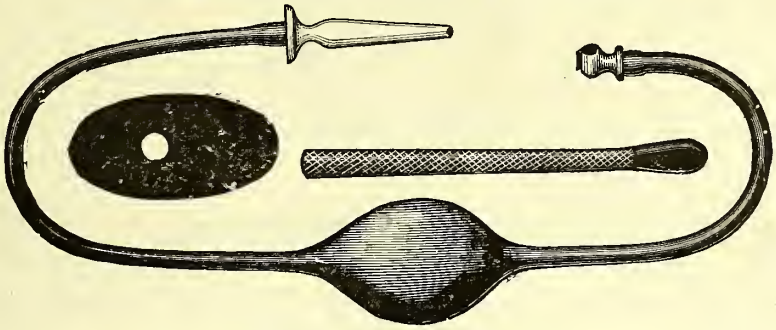

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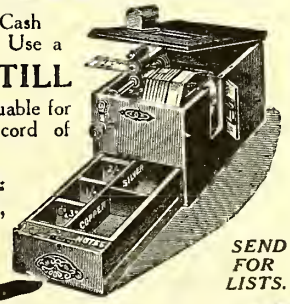

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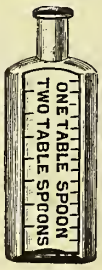

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£781 returns.—HANTS. — Death vacancy; good-class Light Retail; very profitable; large attractively fitted shop, good house; seaside; price £400, or valuation if preferred.

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£765 returns.—NORTH-EAST COAST.—Steadily increasing Light Retail; net profit £210; large corner position, with good house; price £450.

£670 returns.—LANC. (Popular Seaside Resort).—Very profitable good-class Retail and Photographic; price £330.

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£1,370 returns.—KENT.—Light middle-class Retail; yearly increasing; net profit £350; fine corner position; price £750.

£1,100 returns.—LEICESTERSHIRE. — Well-established Light Retail in good position of growing market town; good house; moderate rent on long lease; net profit approaches £300, as proved by books; vendor, leaving the district, will accept valuation of stock and fixtures, about £600.

Valuations conducted upon the shortest notice at moderate fees.

PARSON C. BAKER

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Tel. No. Finchley 812.

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PROFITABLE, continuously increasing Dispensing and Family trade; best position, large South Coast town; returns over £2,000; net profit about £400; price £1,500.

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We desire particularly to draw the attention of Colonial and Foreign Subscribers to the fact that in cases where they require partners, agents or assistants, or wish to sell their businesses, an advertisement in this Supplement, placed in every copy of "The Chemist and Druggist," should be the readiest means of helping them to attain their object. The tariff for such announcements is given under the appropriate headings in the Supplement. Instructions and remittances can be sent to us direct or through the advertisers' correspondents in this country.

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4.—SURREY.—High-class Business, in excellent position; formerly doing £1,400; now under manager; handsome shop, fully stocked, price £850, or offer; personally recommended.

5.—SUSSEX (near Coast).—Unopposed Light Country Retail in charming locality; easily worked; returns £500; net profit £152; nice house and garden; owner retiring; price £300, or offer.

6.—LONDON, S.W.—Good-class Dispensing and Light Retail, in splendid main road position; returns £1,450; good profits; handsome Pharmacy, well stocked; price £1,000, or offer.

7.—LONDON, S.E.—Good Cash Retail; few miles out; returns £1,450; net profit £450; price £800, or offer.

8.—LONDON, N.W.—Good-class Business; no cutting; returns £750; splendid position; price £500, or offer.

9.—LINCOLNSHIRE.—Good-class Light Retail, Dispensing, and Prescribing, with plenty of Panels; returns £1,600; net profit nearly £600; price £900; low rent.

10.—CORNWALL.—Good-class Light Retail and Dispensing Business; owner retiring after many years; returns £2,100, with good profits; fine premises, good house; price £1,700, or offer.

11.—WEST OF ENGLAND.—Good-class Light Retail and Dispensing Business; returns £2,400; clear net profit £650; modern Pharmacy; heavy stock; good house; price £1,600; part could remain.

12.—LINCOLNSHIRE.—Unopposed Business; returns £535 under manager; net profit £160; could do £1,000; eight-roomed house and garden; price £200, or valuation.

13.—CHESTER (near).—Good-class Light Retail and Dispensing Business; returns over £1,100; clear net profit £300 yearly; good house; low rent; long lease; price £600.

14.—BIRMINGHAM (near).—Family Retail, Dispensing, and Prescribing trade; returns £1,300; clear net profit £400; price required, simply value of stock and fixtures, £750.

15.—SURREY (Small Town).—Good-class Business, no side-lines, making clear net profit of £320 yearly; same hands 30 years, retiring; price £625.

16.—LIVERPOOL.—Retail and Prescribing Business; returns £10 to £11 weekly; can do £20; very profitable; price £180.

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Messrs. BERDOE & FISH would like every Pharmacist in business to read page 48 in this year's "C. & D. Diary, and then write for our pamphlet showing the many advantages of having stock taken; with a successful business stock has a habit of increasing, more especially since the Insurance Act came into force; and if only to satisfy yourself that **you are fully insured and in a position to make an indisputable claim in case of fire** it will pay you to have it done. Our terms, which are low, can be had on application. 43 years' practical experience.

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llent Country Business for Sale in a thriving Yorkshire ry centre; modern stock; double-fronted shop, with se; turnover nearly £900 per year at exceptionally good ice £600, or near offer; principals only. Apply, 196/38, his Paper.

EY, Kent.—Old-established Business (28 years), main long illness and death of proprietor cause of disposal; for incomer, although lately neglected; excellent house, l; well-laid-out garden; long lease; shopfittings, stock, aluation; lease for disposal. Apply, 26 London Road, Kent.

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Vacancy (Kent). — Good-class Retail and Dispensing ess in market town; unopposed; turnover over £1,000; ness attached, turnover £300; lease and goodwill £100; fixtures at valuation. Apply, "Executors," c/o Neve on, Solicitors, Tonbridge.

N COUNTIES (Large Town).—Long-established; modern ; returns large and increasing. Full particulars on n, 195/30, Office of this Paper.

open country, 20 minutes from City).—Good middle-class ential district; unopposed; restricted under lease; re- 3 years £1,250, £1,340, £1,370, all cash, without hich are 6,500 to date; could be increased with personal n as business has not been pushed lately owing to health; will accept stock, fixtures at valuation and goodwill. 195/39, Office of this Paper.

—Old-established Business for Disposal in working-class ct; comfortable living can be made; neglected; scope se (Prescribing, Herbalist); qualified or unqualified; ho has other business, will accept £40 down and £20 payments. Address, 196/26, Office of this Paper.

OOL.—Branch for Sale; old-established; nicely fitted doing steady ready-money trade, with National Insur- ensing; reason for selling, unable to get a Manager; immediate purchaser. R. Keir, 183 Mill Street, Liver-

OOL.—Drug Stores in working-class district; good concern; takings average £8 week; no near opposition; ts; good thoroughfare; nice eight-roomed house, easily 6d.; rent £30 clear; price £80; will accept £50 cash ce by arrangement Apply, 196/17, Office of this Paper.

N, S.W. — Advertiser, having purchased West-End busi- offers his Suburban one for immediate Disposal; returns increasing; Pharmacy, double-fronted, fitted in best well stocked; capital position on main road; price r near offer; Partnership for the two businesses also d; open for inspection any time by appointment. "Phar- 294 Brixton Hill, London, S.W.

N, S.W.—In a high-class locality few miles out, Light l and Dispensing Business; returns £900 under man- principal did £1,400; splendid position; low rent; uable lease; price £750, or £100 goodwill and valua- t be sold through serious illness. Apply, Berdoe & Fish, 35 Jewry Street, Fenchurch Street, City.

HESTER.—In one of the best suburbs, good position, with y convenience; splendidly fitted Shop; good house accom- separate entrance: price £350 (less than the value of fittings); excellent opportunity for a man with a little pital. Apply, "Manchester," c/o British Drug Houses, aham Street, London, N.

NORTH LONDON (Distant Suburb).—Immediate Sale, Light Retail and Prescribing Business, with plenty of Panel work; returns £800; net profit last year £300, will be £350 this year; low rent; price £425; £200 could remain if required; bought country business cause of sale. Apply, Messrs. Berdoe & Fish, Valuers, 35 Jewry Street, Fenchurch Street, City.

OLDHAM.—For Disposal, a profitable Light Retail and Dispensing Business, well stocked; full Wine Licence attached; will sell at stock and valuation. Full particulars on application to 196/12, Office of this Paper.

SHEFFIELD District.—A most profitable Business for Sale; returns £1,100; chiefly Dispensing and Prescribing; Patents very few; rent £26; owner retiring. Apply, "Genuine," c/o Brinson, The Laurels, Chesterfield.

SOUTHPORT.—Exceptional opportunity of securing sound Business, with average turnover of £10 weekly; suit smart, young, up-to-date man commencing with limited capital; takings increasing considerably; good profits and plenty of scope; small rent; expenses low; healthy locality; reason for sale, buying much larger business. Apply, Young, Valuer, Southport.

SURREY.—High-class Suburban Retail and Dispensing; returns £1,200 and increasing; well-stocked modern Pharmacy, comfortable house; rent £75; long lease. Apply, "C." (185/20), Office of this Paper.

SUSSEX.—Bargain at £300; good-class Retail and Dispensing Business; mostly cash; little Insurance work; good 6-roomed house and garden; best position in main street; good reason for disposal; rent £35; turnover £700; net profit over £200. "Dogwood" (172/25), Office of this Paper.

A QUALIFIED Chemist entering the Medical profession is desirous of selling his high-class Chemist's Business; large modern and convenient house, with bathroom, garden, etc.; within 1 minute of station and 20 minutes of London Bridge; price required £380 for quick sale. Apply, 198/1, Office of this Paper.

BUSINESS for Disposal in principal Manchester thoroughfare; lock-up shop. Full particulars from Parkin S. Booth, F.A.A., The Association of Manufacturing Chemists, Ltd., 2 Bixteth Street, Liverpool.

FIRST-CLASS Business in prosperous town, Dispensing and Photographic; best of its kind in entire county; rapidly increasing; last half-year nearly £200 more than same period 1913; turnover then over £1,400; good house, garden; long lease; chance only occurring once in a lifetime; every investigation courted; only £750 required. Address, with references, to "Pharmex" (196/35), Office of this Paper.

MIXED Country Business, combined with Manufacture of Aerated Waters; returns last year £1,470; good house and garden; rent £30; shop well stocked and fitted; N.H.I.; price £900; or Drug Business separated from Aerated Waters; returns at least £800; price £400. J. Goodenough, Somersham, Hunts.

SMALL Branch Business, good position, main road; low rent; good living accommodation, small garden; taking under management £6-£7 week; capable of good increase; good reasons for disposal; N.H.I.; modern window; Croydon district; £130 or offer. "P.," c/o British Drug Houses, Ltd., Graham Street, E.C.

SMALL but very profitable Business for Sale in Eastern County; unopposed; easily worked; net profit over £150; pleasant district; suit beginner; price, valuation (about £150). 196/16, Office of this Paper.

TO Chemists, etc. — For Sale by private treaty as a going concern, Business comprising 3 shops in Manchester districts; will be sold together or separately; shops well fitted and stocked and in excellent neighbourhoods. For further particulars apply Messrs. H. L. Price & Co., Incorporated Accountants, 15 Fountain Street, Manchester.

£150.—Streatham. — Compact, well-fitted shop, doing £10 average, and increasing, under unqualified management: comfortable seven-roomed house; stables in rear, let off £7 10s., leaving net rent £32 10s. and rates; big scope for N.H.I. Dispensing; no near opposition and no severe cutting. R. Thompson, 197 Longley Road, Tooting Junction.

WHOLESALE.—Drug, Drysaltery, Confectionery and Mineral-water Business, North of England; no opposition for many miles; returns under management nearly £10,000; capable of large increase in hands of energetic principal; stock, fixtures, and plant worth about £3,000, which will be about the sum required to purchase. Full information of Messrs. Berdoe & Fish, Valuers, 35 Jewry Street, Fenchurch Street, E.C.

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JAPAN.—Advertiser, representing old-established foreign mercantile house in Japan, is open to accept suitable Agency for reliable Pharmaceutical Products; special facilities for the introduction of new remedies to Japanese Medical Institutions. Address in first instance, "Pharmaceutical" (188/23), Office of this Paper.

A WELL-KNOWN Manufacturing and Sundries house, with London office, connection, and travellers covering the whole of Great Britain and part of Colonies, is open to consider one or two exclusive Sole Agencies for saleable articles of merit to Chemists, Hospitals, or Institutions. "Alert" (193/4), Office of this Paper.

AGENCIES required in Drugs and Chemicals by an active Representative in Berlin, etc.; 12 years' experience; first-class references. Write to "J. E. 12283," Rudolf Mosse, Berlin, S.W.

INDIAN firm of high respectability, activity, and standing wishes for Agencies for Bombay and Indian market for all kinds of Chemicals, etc., etc.; highest references at disposal. Write to P. Goculdas & Co., 20 Tamarind Lane, Bombay.

MANUFACTURERS or Importers of Toilet Requisites and Perfumery wanting a reliable Agent in Lancashire and Yorkshire on a commission basis are invited to correspond with advertiser. Apply, 183/27, Office of this Paper.

TO LET.

MANCHESTER.—Best position in Piccadilly; Shop, with large or small area; suit Pharmacists; upper part and basement if required; alterations to suit tenant. Macdonald, 29 Piccadilly, Manchester.

TO Chemists.—Shop, with good dwelling-house, to Let, near Bromley, Kent; opposite Railway Station; no Chemist in immediate neighbourhood; landlord maintains outside lighting; new shop-front; rent free first two months. Particulars of H. Kemp, 271 Queen's Road, Peckham.

PARTNERSHIPS.

PARTNER (qualified) wanted, with about £200, to take charge of Chemist's shop with option of purchasing the business from profits. Apply, John Wishart, Accountant, 138 Bath Street, Glasgow.

FOR SALE.

CONDITION as new; National Cash Register for Sale; accept low price cash. Write, "H. G.," 124 Greenwich Road, Greenwich.

PROCESS and device for Dispensing Liquids under pressure.—The Proprietor of British Patent 18217 of 1911 desires to arrange with one or more firms in Great Britain to exploit his invention either by sale of the Patent rights or by License to manufacture under royalty. Address inquiries to Bromhead & Co., Chartered Patent Agents, 30/32 Ludgate Hill, London.

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WANTED,

IN A CITY PHARMACY

A GENTLEMANLY

RELIABLE ASSISTAN

Must be Energetic, a Thoroughly Gooc Dispenser, and Not Afraid of Work

A Permanency, Short Hours, Outdoors, and Libal Terms are offered to the right man.

Apply 194/31, Office of this Paper.

ABERGAVENNY.—Wanted, about middle of September, Assist for good-class Retail business; outdoors; easy hours no Sunday or Bank Holiday duty. Apply, giving full particulars to age, height, salary, and photo if possible, to Harry Shackl Rexall Pharmacy, Abergavenny.

ATHERSTONE (Warwickshire).—Assistant, about 21, in gd class Country business; N.H.I. Dispensing; good Salesm and Window-dresser; easy hours; comfortable home, ind s. Ison, Atherstone.

RNSTAPLE.—Wanted, competent Assistant, 27 to 30 years of age; qualified preferred; one kept; outdoors; hours 8 a.m. p.m., Saturdays 9.30 p.m.; no Sunday or Bank Holiday duty. full particulars and send photo (to be returned) to E. W. dman, 1 High Street, Barnstaple.

TH.—Wanted, gentlemanly Junior Assistant; experienced; unqualified; must be neat and accurate Dispenser and good man; high-class Store; short hours; weekly half-holiday; no ay duties. Apply, with full particulars, references, salary, , etc., stating date disengaged, to Cater, Stoffell & Fortt, Bath.

RMINGHAM.—Qualified Branch Manager desiring permanency; Counter experience essential; N.H.I. and general class business. Apply, 198/19, Office of this Paper.

SHOP STORTFORD.—Qualified Assistant in good-class Retail and Dispensing business; moderate hours; good salary to an e, reliable man. State salary (in- or out-doors) and recent ence to S. T. Milbank, Pharmaceutical Chemist, Bishop ford.

IGHTON.—Reliable Assistant wanted at once; good-class Dispensing and Retail; outdoors. State usual particulars, right, 209 Preston Road, Brighton.

IGHTON (September 1).—Gentlemanly Assistant, unqualified, for high-class Pharmacy; indoors; easy hours. Apply, g full particulars as to age, height, experience, and salary red (photo), to T. Read, Victoria Pharmacy, Kingsway, Brighton.

MBERWELL, S.E. — Part-time Assistant required at once, from 5 p.m., for N.H.I. Dispensing. State age and salary red. Apply, "Salol" (197/37), Office of this Paper.

NTERBURY.—Jnnior Assistant (outdoors), accustomed to good-class provincial business. Apply, with full particulars, enclose photo, to E. Bing & Son, Pharmaceutical Chemists, erbury.

RDIFF.—At once, a qualified Chemist required; elderly would suit; duties light; permanency or Locum one month; out- ; state salary, etc., first letter; letters not answered in days declined. Games Evans, 5 Clare Road, Cardiff.

ELTENHAM.—Junior (about 21) for Dispensing business. Send full particulars to Dolman, Cheltenham.

ESTER.—Wanted, Qualified Assistant for Branch with good Dispensing and Retail experience. Apply, stating age, t, experience, references, with salary required (outdoors), to Carter, Pharmaceutical Chemist, 171 Bonghton, Chester.

FTON, Bristol.—About September 14, Junior (indoors), of good apprenticeship. Send full particulars, height, age, and y required, with photo, to Giles, Schacht & Co.

ENTRY.—Gentlemanly Assistant wanted, accustomed to high-class business, with knowledge of Optics. Give usual parrs as to experience, age, height, salary required (outdoors), nclose recent photo, Chas. H. Welton, 60 Smithford Street, try.

DYDON.—An Assistant wanted; outdoors; duties would be hiefly Dispensing; salary £2 10s. per week. Apply, giving particulars, to D. P. Roberts, Chemist, 120 North End, ion.

DLEY.—Qualified Locum, age abont 30, required for two r three weeks abont the middle of August; honrs 9 a.m. p.m.; weekly half-holiday; no Sunday duty. Recent testi- ls and salary required (outdoors) to Peroy G. Richardson, naceutical Chemist, Market Place, Dudley.

ANTHAM.—Wanted, an Assistant; outdoors; easy hours; no Sunday duty. Apply, with full particulars, W. D. Cox, 36 rgate, Grantham.

LIFAX.—Required, smart Assistant; must be good Connterman and Window-dresser; one accustomed to Store business having some knowledge of Photography preferred; outdoors; duty. Apply, stating age, height, experience, and salary red, to Taylors (Northern). Ltd., 4 Crown Street.

NOASHIRE.—Qualified to Manage Branch. Particulars, with hoto and two last berths for references, "Chemist," 8 Colin- Wigan.

LANCASHIRE.—Smart unqualified Assistant required for an up-to-date business; must bear an exceptional character and have had good Counter and Dispensing experience. State age, when at liberty, and salary required, "Preston" (196/25), Office of this Paper.

LANCASHIRE.—Wanted, qualified Manager, about 35; good and quick Salesman required; salary £3 per week and commission. Please give references, etc., with photo, 189/34, Office of this Paper.

LEEDS (Suburb).—Competent Assistant; 22 to 24; outdoors; good-class experience; reliable Dispenser and Counterman. State age, height, experience, salary required, and enclose photo to 197/15, Office of this Paper.

LEISTON, Suffolk.—Junior or Improver wanted at once; Light Retail, Dispensing, and Photographic business. Full particulars, age, references, and salary required in first letter. Apply Gray, Chemist, Saxmnndham, Suffolk.

LIVERPOOL.—Junior Assistant; outdoors; ordinary Retail and Dispensing. State particulars of salary required, etc., to R. Keir, 183 Mill Street, Liverpool.

LLANDUDNO. — Woman Pharmacist, with Retail experience, required for good-class Dispensing business. Send full particulars, with photograph, to Miss Horniblow, 4 Queen's Buildings, Llandudno.

LONDON.—An experienced Assistant for Dispensing business in West End; in- or out-doors; every encouragement given to suitable man. 196/39, Office of this Paper.

LONDON.—High-class Store Chemist, N.W. district, requires good reliable Junior Assistant, age about 21; comfortable permanency to the right applicant. "Golder" (196/52), Office of this Paper.

LONDON, N.—Wanted, directly after August Bank Holiday, Junior Assistant, about 20, for three weeks; outdoors. Please write, stating salary required and reference, or call, Young & Co., Chemists, New Barnet.

LONDON, N.—Immediately, smart Junior Assistant; first-class Dispensing experience; Photography; references must bear strict investigation; hours moderate; outdoors. E. A. Atkins, 30 Highbury Park, N.

LONDON, N.—Qualified Branch Manager (Junior kept); one recently qualified would suit. Apply, stating age, height, experience, and salary required (outdoors), to W. Burgess Dow, Pharmacist and Optician, 518 Hornsey Road, N.

LONDON, N.—Immediately, smart Junior Assistant; first-class Dispensing experience; Photography; references must bear strict investigation; hours moderate; outdoors. E. A. Atkins, 30 Highbury Park, N.

LONDON, N.E.—Locum required for week August 17 to 22 inclusive; qualified; N.H.I. Prescriptions. Apply, Leslie Martyn, Ltd., 34 Dalston Lane, N.E.

LONDON, N.W.—Qualified Assistant, either in or out doors; good Counterman and Dispenser; hours reasonable; not many Insurance Prescriptions. Charles W. Brumwell, Pharmaceutical Chemist, 72 Euston Square, N.W.

LONDON, N.W.—Wanted soon, Junior Assistant, age 20-22, for high-class Retail; good Dispensing experience essential; no all-night duty; good wages; comfortable berth. Apply, Manager, 190 Broadhurst Gardens, N.W.

TO SAVE TROUBLE.

MANY correspondents answering advertisements in this Supplement enclose remittances to cover the cost of forwarding their letters to advertisers who prefer to be addressed c/o this Office. The Publisher desires to make it clear that this is quite superfluous, and perhaps this reminder will obviate the necessity of the frequent return by him of such remittances.

ANSWER IN TERMS OF THE ADVERTISEMENT AND

REMEMBER you are one of possibly hundreds applying for the same position. Put your case before the advertiser so that he may be able to form a MENTAL PICTURE of your suitableness.

BE BRIEF BUT CLEAR.—Millions of applications are consigned to the waste-paper basket UNCONSIDERED, because the reader cannot form this picture from the inadequacy of the materials set before him.

LONDON, S.E.—Junior, with fair knowledge of Dispensing; nice-class business; indoors preferred, but outdoors can be arranged; moderate hours and weekly half-holiday; time for study if desired. Please state salary required, Harding Rees, South Norwood, S.E.

LONDON, S.E.—Qualified Assistant for good-class Family and Dispensing business; pleasantly situated; comfortable home, or outdoors if preferred. Parsons & Happold, 182 Westcombe Hill, Blackheath, S.E.

LONDON, S.E.—Wanted, qualified Manager for working-class business; outdoors; personal application essential; if applying in first instance by letter, please give fullest particulars of experience, salary required, etc.; hours 8.30 to 10, Saturdays 12 p.m.; Insurance and General Retail. Williams, Chemist, 189 High Street, Deptford, London, S.E.

LONDON, S.W.—Wanted, Junior for evenings during holidays. Personal applications, Classey, 28 High Street, Collier's Wood, Merton, S.W.

LONDON, S.W.—Qualified or unqualified Manager required to work up much neglected business; would suit man about 40 wishing permanency; must have good references. Apply, "J. B." (48/34), Office of this Paper.

LONDON, S.W. — Wanted, Assistant, immediately; indoors; qualified; young. State age; salary, and references, personally if possible, to 57 Old Town, Clapham, S.W.

LONDON, S.W. — Manager required immediately for Drug Stores; qualified or unqualified; cash security required; view to succession could be arranged; good wages; comfortable house can be had if required. Apply at once, with full particulars, 197/40, Office of this Paper.

LONDON, W.—An Assistant required; in- or out-doors; qualified preferred, but not essential; accustomed to good-class business. Apply, with full particulars, age, height, experience, and salary required, to W. A. Weston, 8 Sandringham Parade, Ealing.

LONDON, W. — Immediately, qualified Manager for Branch; working-class neighbourhood; out- or in-doors; Extractor preferred; one with view to purchase entertained; must be reliable. Write, Widgery, 442 Uxbridge Road, W.

LONDON, W.—Qualified and temporary Assistant, with good experience, required at once. Apply, by letter only in first instance, J. Robt. Walker, 36 New Cavendish Street, W.

LONDON, W.—A qualified Assistant, about 25, for high-class Dispensing business; one capable of taking charge; two kept. W. McEwen, 17 Craven Road, W.

LONDON, W. — Wanted, a good-class, experienced, outdoors Assistant (25). Apply, personally if possible, to W. F. Pasmore, 320 Regent Street, London, W.

LOWESTOFT.—A good reliable Junior wanted for Light Retail and Dispensing; indoors, comfortable home; no Sunday duty. Apply, with references and particulars, to Sale & Nurse, Pharmaceutical Chemists, 59 High Street, Lowestoft.

LYNDHURST.—Junior or Improver in Dispensing business; time for study if desired. Full particulars, age, height, references, to Willis, Pharmacist, Lyndhurst.

MAIDSTONE.—Qualified Assistant for good-class Dispensing and Family trade; duty divided between three. State age, height, experience, salary (indoors), reference, photo (railway fare paid and progressive salary to suitable gentleman, permanency), Oliver, Chemist, Maidstone.

MANCHESTER.—Junior Assistant wanted in good-class business; time for study if desired. Apply, with usual particulars, Miller, 5 Yarburgh Street, Whalley Range, Manchester.

MANCHESTER.—Junior Assistant wanted at once; Suburban Dispensing business. Bates, Chemist, Brooks's Bar.

MARGATE.—Qualified Branch Manager for permanency, competent and trustworthy, about 30, for good-class Retail and Dispensing business; full particulars of last two engagements, age, height, and photo if possible, state salary; unfurnished rooms on premises. W. M. Rosser, Baily & Co., 2 Ethelbert Terrace, Margate.

MIDLANDS. — Immediately, energetic and reliable qualified Manager for progressive Cash Chemist's business; permanent berth; ample compensation offered for willing and efficient service. State age and how soon at liberty, "Place" (196/42), Office of this Paper.

PETERSFIELD.—Assistant or good Junior, about August 6, for good-class business; easy hours. Give full particulars and references and state salary required, A. G. Reid, Petersfield, Hants.

PLUMSTEAD, S.E. — Qualified Manager required for Photographic and Dispensing business; outdoors. Apply to A. Goldthorpe, M.P.S., 70 Herbert Road, Plumstead, S.E.

PLYMOUTH.—Wanted, competent Assistant; outdoors; good hours; good references essential. Roper, Ebrington Street, Plymouth.

ST. LEONARDS-ON-SEA.—Junior (outdoors) for Dispensing and General Retail business. State age and salary required. Neve & Co., Pharmaceutical Chemists, Silverhill, St. Leonards.

SCARBOROUGH.—Wanted, competent Assistant; must be neat and accurate Dispenser and good Salesman; indoors; one desiring a permanency preferred. State age, height, and salary with photo and full particulars, to Cross, Chemist, Scarborough.

TUNBRIDGE WELLS.—Wanted immediately, qualified Assistant must be a capable Dispenser and accustomed to good-class business. State full particulars of experience, salary required (outdoors), and enclose photo if possible, to Howard & Son, 81 Calverley Road.

WARWICK.—Required shortly (indoors), for Dispensing, Light Retail, and Photographic (no practical), a gentleman's Assistant; liberal terms to a careful and trustworthy man. Apply stating age, height, salary required, with photo and references to H. K. Crossdale, The Pharmacy.

WESTON-SUPER-MARE. — Wanted, Assistant for good-class Dispensing and Retail business. Please state full particulars and reference, Blackmore, Weston-super-Mare.

WOLVERHAMPTON AND STAFFORDSHIRE GENERAL HOSPITAL. — Wanted, male Assistant Dispenser; Minor qualification; salary £100 per annum, luncheon provided; hours 9 a.m. to 5 p.m. Applications, with recent testimonials and full particulars, to W. H. Harper, House Governor and Secretary, General Hospital, Wolverhampton.

WORTHING.—Assistant wanted, unqualified; permanent; good class business. Send particulars, with references, to W. Aston, Pharmaceutical Chemist, Worthing.

YORKS (West Riding).—Wanted, qualified Assistant or Locum; must be honest and trustworthy; single preferred. Audsley, Horbury, near Wakefield.

ABOUT August 17.—A qualified man, about 45, to manage a small Branch; permanency to a suitable man. Apply, with full particulars, Waller & Riley, Ltd., Chemists, Bolton.

ASSISTANT, unqualified; Photography; easy hours and berth; no Sunday; outdoors. Freshneys, Grimsby.

ASSISTANT, with first-class Counter experience, wanted at once; hours 8.30 to 7.30, Saturdays 1.30. Apply, Mr. H. Longstaff, John Barnes & Co., Ltd., 191-217 Finchley Road, N.W.

ASSISTANT wanted, to take charge for a fortnight in August or early September (August preferred). State full particulars, Harris, Chemist, Pharmacy, Seven Sisters, Glam.

ASSISTANT wanted, with good Dispensing and Counter experience; smart and capable. Apply, Messrs. Timothy White Co., Ltd., Chemists, Portsmouth.

ASSISTANT required to manage a small Branch; Welsh preferred but not essential; to live on premises, but find own board; abstainer; must be able to produce satisfactory references. State age and all particulars, with photo if possible, to J. I. Hopkins, Chemist, Pontycymmer.

ASSISTANT; wages 35s. weekly; live out. Apply, Allen & Lloyd, Aldershot, at once.

ASSISTANT required immediately; must be a capable business man, energetic, and able to dress window; principally to take charge on Counter; no inflated salary to commence, but on proving his worth will get substantial remuneration at an early date and comfortable berth. 198/7, Office of this Paper.

CHEMIST.—Qualified man wanted for Birmingham; must be thoroughly experienced in the Photographic and Heavy trade. Address, 195/7, Office of this Paper.

DISPENSER (unqualified), 20-24, for non-Panel Surgery, mornings and evenings only; resident of London preferred; good salary. Apply, stating age, married or single, experience and with whom, 196/22, Office of this Paper.

SPENSERS.—A number of women Dispensers are required temporarily in connection with the pricing and examination hemists' Prescriptions. Applications, on foolscap paper, in applicants' own handwriting, should state qualifications, ex-nce, and age, and be accompanied by copies of not more three testimonials, and forwarded addressed, 259/52, Office is Paper.

DERLY qualified Chemist required; easy hours; work light. Reply, "Cemicus" (48/54), Office of this Paper.

ENING Employment.—A young man engaged during day is required by (London Suburban) Chemist five evenings weekly rsdays and Sundays excepted); must have fair knowledge of usiness; good references required. Apply, stating age, salary, experience. 195/12, Office of this Paper.

DGES (CHEMISTS), LTD., Birmingham, require the services of unqualified Assistant; well up in Counter work and Dis-ng; ontdoors; no Sunday duty. Applicants please enclose and particulars of age, height, previous engagements, and y required to Manager, Hedges (Chemists), Ltd., 10, 11, 12 End, Birmingham.

NIOR or Improver; good-class business. Please state full particulars, salary, etc., to Litchfield, Pharmacist, South-borongh, Hants.

NIOR or Improver at once for South Coast seaside town; Retail and Photographic; half-holiday; outdoors or indoors. salary required and usual particulars to "Rhei" (193/16), of this Paper.

NIOR or Improver; Dispensing and Counter. "M.P.S.," 136 High Street, Smethwick.

DY Dispenser.—J. B. Wilson requires an experienced Dis-penser, with Retail experience, for about three weeks in mber. 95 High Street, Dorking.

RGE Firm have an opening in their Stocktakers' Department for a Junior, age about 21; one who has had Retail experi-and possesses a fair knowledge of the cost prices of Chemists' preferred. State age, when at liberty, and salary required, ck" (196/62), Office of this Paper.

UM for two weeks. State terms, references, and when dis-ngaged to Jeans, 1 Broad Street, Pendleton, Manchester.

UM (qualified) for two weeks from August 31; supervision nly; short hours; suit elderly man. Apply, with usual par-rs, Henry Lamplough, Ltd., 9a Old Broad Street, E.C.

UM required (indoors), August 24 to 29 inclusive. Apply, with full particulars, to Giles, Chemist, Cwm, Mon.

RT-TIME, 2 or 3 nights per week; London, E.; permanent and work congenial; applicants must be good at the Counter Dispensing. 196/250, Office of this Paper.

ALIFIED for Management of small Branch near Cardiff and Newport; comfortable progressive berth, with good salary and ects to reliable man. Please give general particulars, with if possible, and two last berths for references to save time, rke, Chemist, c/o Commerce House, Formby, near Liverpool.

ALIFIED Assistant wanted at once (total abstainer pre-erred) to look after a quiet Country business; work light; 8.30 to 7.30, Thursday 1, Saturday 9.30 o'clock. State height, salary, and other particulars to "Norfolk" (195/15), of this Paper.

ALIFIED Assistant; outdoors; 21-22; a good Dispenser; or first-class West-End Dispensing; comfortable berth. Apply tter, stating salary required, enclosing photo, and giving t, 195/26, Office of this Paper.

ALIFIED Branch Manager wanted; one experienced in up-o-date business and seeking a permanency preferred; refer-must bear the strictest investigation; commencing salary per annum and commission. Apply, stating fullest particu-to 197/41, Office of this Paper.

JABLE Assistant wanted (qualified preferred, not essential) or first-class Dispensing and Retail; state age, height, (indoors), and usual particulars, photo if possible. Apply, id." (196/19), Office of this Paper.

SALARY £200.—Commencing September, qualified man to take sole charge; Junior kept; reasonable hours; good wages and comfortable berth for an active, reliable man desiring a per-manency and willing to work; character must bear strictest investigation. Apply fully to Hugo Wolff, 180 Philip Lane, Tottenham, N.

SEASIDE.—Active, capable Junior for Dispensing business, about 20. Send photo and full particulars, salary, "W." (195/11), Office of this Paper.

SMART Junior wanted for first-class Country business, Retail, Dispensing, Photographic; age about 21. Please state height, salary required (outdoors), give experience, and enclose photo, Perks & Llewellyn, Pharmaceutical Chemists, Hitchin, Herts.

UNQUALIFIED Junior Assistant wanted (outdoors) near City, with good experience at Counter, N.H.I. Dispensing, and the sale of Photographic goods; hours—four days from 8.30 a.m. to 9.30 p.m. with three hours off for meals, Wednesdays 8.30 to 1.30 p.m., Thursdays 10.30 a.m. to 10 p.m.; alternate Sunday evenings 6 p.m. to 10 p.m.; willing to pay a good salary to a really competent man of good character. Give full particulars at first by letter as to age, experience, references, salary required, if married, when disengaged, etc., to "Ph.C.," "Golden Key," 20 Norton Folgate, London, N.E.

UNQUALIFIED Manager wanted for London district at once; outdoors; permanency. Give, in first instance, experience during last few years, age, if married, and salary expected to "Mr. Edwards" (196/3), Office of this Paper.

UNQUALIFIED smart Counterman required; must have a know-ledge of Dispensing and Photography and be a good Window-dresser. Apply, stating fullest particulars, to 197/1, Office of this Paper.

WANTED, Senior qualified Assistant in West End; must have had first-class experience. Apply, stating age, experience, and salary required, to "Arnica," c/o Messrs. Maw, Son & Sons, 7-12 Aldersgate Street, E.C.

WATER Analyst wanted by Waterworks (Yorkshire); tho-roughly capable of making Bacteriological and Chemical examinations; training and experience to be fully stated and wage required. Applications to 190/11, Office of this Paper.

WHOLESALE.

NORTH OF ENGLAND.—Wanted, young Pharmacist, about 25, by high-class firm, to call on Doctors and Chemists; perma-nent and progressive position for suitable man; native of North of England preferred. State full particulars, references, and salary expected, 36/14, Office of this Paper.

C. W. JOHNSON & CO., Agents for Honoré Payan, Perfumer, Grasse, and Johann Maria Farina, Pantaleonstrasse, Cologne, require a Traveller for London district with a few exceptions on commission as Side-line. Write fullest particulars, which will be treated as strictly confidential, to 38 Great Ormond Street, Southampton Row, W.C.

CHEMIST required, with general, technical, and commercial knowledge and experience in the manufacture of soluble Fruit Essences, etc. State full particulars, salary, etc., to 46/62, Office of this Paper.

COUNTER hand, aged about 20, required on Dry Floor of London Wholesale house. State previous experience and wages required to 195/28, Office of this Paper.

FOREWOMAN required, who has had experience in putting up Chemists' Packed Specialities. Apply, giving full particulars as to past experience, etc., to "Delta" (47/52), Office of this Paper.

MANUFACTURERS of Druggist Sundries and Toilet Articles require a smart Traveller for the South Coast. Apply, with full particulars, to 194/36, Office of this Paper.

REPRESENTATIVE required; must be good Salesman, ener-getic, and of good ability; full particulars and references must be given, otherwise no notice will be taken of reply. "Spatula," Box 79, c/o C. Mitchell & Co., Ltd., 1 Snow Hill, London, E.C.

REPRESENTATIVES required by well-known Sundry and Speciality house to further introduce their goods throughout Great Britain and Ireland; a lucrative arrangement can be made with Traveller having a sound and live connection, and Part-time preferred. Full particulars of territory covered, lines handling, etc., in confidence, to "Advance" (193/5), Office of this Paper.

STRONG lad wanted for Bottle-washing in Wholesale Chemist's; age about 17-20; wages 18s. Address replies to 198/13, Office of this Paper.

TRAVELLER required, selling Photographic Solutions; salary and commission; good chance for young energetic man. Apply, 195/25, Office of this Paper.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid. The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

BOMBAY.—Qualified Assistant wanted for a first-class private British firm of Chemists; age not over 30; three years' agreement; salary £200 first year, £220 second year, £240 third year; passage paid out and home by P. & O. steamship. Apply, with copies of testimonials and photo, to "R. L.," S. Maw, Son & Sons, 7/12 Aldersgate Street, London, E.C.

CHINA.—A thoroughly competent Assistant required by leading firm of Chemists in China, not over 30 years of age; qualification not essential, providing the right kind of experience has been obtained; salary to commence with of the equivalent of £263, rising by yearly increment to £298 per annum, and passage paid out and home on a four years' agreement. Address, "China" (195/29), Office of this Paper.

FRANCE.—Assistant; knowledge of French and Continental experience. Age, height, experience, and salary required to "Paris" (40/54), Office of this Paper.

INDIA.—Messrs. Bathgate & Co., Calcutta, require two Junior Assistants, with Minor qualifications; unmarried; age 21 to 26; passage paid both ways; four years' agreement; salary first year, monthly, Rs. 275 (about £18 6s. 8d.), second Rs. 300 (about £20), third Rs. 325 (about £21 13s. 4d.), fourth Rs. 350 £23 6s. 8d.). Apply, giving particulars of experience, etc., to Messrs. Alex. Lawrie & Co., 14 St. Mary Axe, London, E.C., who will be pleased to answer all inquiries.

MALTA.—Unqualified Assistant required, young and energetic, good appearance and address; must be of reliable character; 3 years' agreement; salary £100 per annum, payable monthly; rooms provided, but no board; passage paid out and home. Apply, with fullest particulars, to "Malta" (48/57), Office of this Paper.

SITUATIONS WANTED.

1s. for 12 words or less; 6d. for every 10 words or less beyond, prepaid.

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[HOME.]
RETAIL.

Price-lists, trade circulars, samples, and printed matter can in no case be forwarded, the Box number being intended exclusively for specific answers to particular advertisements. The Publisher reserves the right to open and refuse to forward any communications received which he may consider contrary to this rule.

A QUALIFIED elderly Chemist is open to an engagement; South London for choice; moderate hours, for which a moderate salary would be accepted. I. Pye, 33 Louisville Road, Balham.

AS Manager, with view to succession; Coast town; business doing about £1,000. 193/36, Office of this Paper.

AS Manager to a good-class business; disengaged; highest references. Apply, 192/5, Office of this Paper.

ASSISTANT, unqualified, 24, desires permanency; practical Optician; good Stockkeeper; responsible position preferred. 193/30, Office of this Paper.

ASSISTANT, unqualified, 25, seeks engagement. "Rhei," 165 Walthew Lane, Platt Bridge, Wigan.

ASSISTANT requires permanency in London; outdoors. Smith, 16 Balliol Road, North Kensington.

ASSISTANT, unqualified, smart, energetic, desires berth with high-class firm; disengaged August 17; good Dispenser and first-class Salesman. "Capsicum" (196/30), Office of this Paper.

ASSISTANT, unqualified; tactful, keen Salesman, attractive Window-dresser; Dispensing; highest references. Apply, 195/23, Office of this Paper.

BLACKPOOL.—Assistant, 24, 7½ years' experience, good appearance and address, abstainer, good Dispenser, Window-dresser, Photographics, all branches, first-class Salesman, desires situation in Blackpool; part or full time, former preferred; at liberty September. Please state salary and hours, "Kudos" (196/6), Office of this Paper.

CHEMIST, 27, tall, West-End, Provincial, and Locum experience, desires permanency as Manager or Senior; married, disengaged September 10. Walton, Chemist, Carcroft, near Doncaster.

CHEMIST wishes to Apprentice his son; indoors; 15; tall and healthy; slight knowledge. Edgson, Chemist, West Bromwich.

COMPETENT Assistant has time at disposal; August 14-16 daytime, August 18 onwards evenings; excellent experience, 6½ years. Freakley, 60 Cavendish Road, Clapham Common, S.W.

DENTAL Surgery; expert Operator; Crowns, Bridges, Gold filling, etc.; experienced Anæsthetist; also 10 years' first-class Pharmacy; salary required £3 10s.; age 28; married; permanency. Apply, 48/69, Office of this Paper.

DISENGAGED; Locum; permanency; age 38; qualified; good references. 48/41, Office of this Paper.

DISENGAGED; tall; 20; good Dispensing experience; Wales preferred. J. Williams, 68 New Street, Portmadoc.

DISENGAGED August 15; Manager or otherwise; unregistered; distance no object; 20 years' all-round experience. "Extractor," 36 The Quadrant, Richmond, Surrey.

DISPENSER; whole or part time; good experience. "Dispenser," 58 Malvern Road, West Kilburn.

ELDERLY qualified Manager-Assistant; N.H.I.; single; permanency; energetic; Prescriber; disengaged. 193/28, Office of this Paper.

FRENCHMAN; 24; disengaged August 10; fluent English, smart Dispenser and Counterman; 8 years' experience, including 9 months in England; knowledge Photography; good references; London or South Coast; outdoors. Allard, 9 Beach Road, Littlehampton.

IMPROVER; South Wales or West of England; aged 16; indoors preferred; 12 months' experience. "Statim," c/o Thornton, Blaenavon, Mon.

JUNIOR (free September 1) requires berth in high-class Pharmacy; indoors preferred; N.H.I. and Counter experience. Extractor. Reply, stating salary, etc., to "Extractor," 10 Woodville Road, Cardiff.

LADY Dispenser desires post immediately; district immaterial. 21 Tenham Avenue, Streatham Hill.

LADY (qualified) seeks post as Dispenser in Pharmacy or Institution, part or whole time; London or district preferred; good experience. 197/53, Office of this Paper.

LADY Pharmacist wants situation in Dispensing business Hospital; first-class Pharmacy experience; hours must moderate. 197/35, Office of this Paper.

LADY Dispenser (Hall), experienced, knowledge Shorthand Bookkeeping, requires post in London with Doctor or Institution. "A.," 57 Oxford Terrace, Hyde Park.

OCUM, qualified; young; good references; disengaged September 14. C/o Wright, Chemist, Barnsley.

OCUM, qualified; disengaged August 6; West End. "Phosphonium," 5 Clara Street, Coventry.

OCUM or Manager; disengaged August 16. "Pharmacist," 351 High Street, West Bromwich.

OCUM; qualified; 30; disengaged August; references; varied experience. Lincolne, Junr., Ely, Cambs.

OCUM; 35; disengaged after August 3; good references. Daniells, 7 Breedon Road, Cambria Road, Camberwell, S.E., c/o Newton, Chemist, Salisbury.

OCUM; August 10-21; young; gentlemanly; qualified; capable; North London preferred. Apply, 193/14, Office of this Paper.

OCUM, qualified; competent, reliable; disengaged August 5 till 24, after October 18. Jones, 94 High Street, Clapham, W. 'Phone 800 Gerrard.

OCUM, qualified; elderly, active; good references; fortnight August. "Rheum" (198/16), Office of this Paper.

OCUM-TENENS.—Pharmacists willing to pay for efficient service of reliable Locum write by August 4 to Idris Lloyd Jones, M.Ph.S., Anglesey House, Llanrwst, N. Wales.

LONDON.—Part-time or relief; one or two days or half-days weekly; vacant. "Versatile" (195/200), Office of this Paper.

MANAGER; permanent; excellent all-round experience; disengaged; abstainer. "Pharmacist," 123 Bennerley Road, Clapham Junction, S.W.

MANAGER; 28; unqualified; or view succession on reasonable terms; North preferred. 196/11, Office of this Paper.

MANAGER (Branch); London; experienced as such; with or without view succession; permanency; experienced Prescriber, c.; Hall; 36; married; highest references. Address, "Reliable" 196/21), Office of this Paper.

MANAGER or Senior; qualified; 29; experienced; disengaged August 31. "Hexalet" (195/32), Office of this Paper.

MR. CHEMIST.—For a good, efficient, up-to-date unqualified Assistant or Manager, with 15 years' sound experience, 29, arried, you could not do better than send me particulars of our vacancy; Dental, Optics. 196/13, Office of this Paper.

PART-TIME.—Fully-qualified Swiss Chemist, D.Sc. (25), 10 months' West-End experience, fluently English, French, and erman, seeks part-time employment during August. "J. J. B.," yon House 7, Union Street, W.

PHARMACIST (26) desires appointment as Director or Manager; high-class experience; excellent record. 196/7, Office of this aper.

PHARMACIST, 22, with Continental experience, speaking French and German, slight knowledge of English, seeks situation in harmacy from September 1; terms moderate. Address, Em. eusch, Kautenbach, Luxemburg.

QUALIFIED; Manager or Senior; 20 years' all-round experience; London or near; quick Store trade preferred; good ferences. "Salesman" (47/12), Office of this Paper.

QUALIFIED; 32; tall; all-round experience, Scotch and London; Branch Managership; London or North England preerred. Full particulars, salary, "Scotch" (193/18), Office of is Paper.

QUALIFIED Assistant or Branch Manager; 36; good Counterman, Dispenser; used modern Cash trade; outdoors preferred; sengaged August 11. Replies to 197/3, Office of this Paper.

QUALIFIED; Manager or Senior; energetic, reliable, and up to date; young; all-round experience; abstainer; disengaged ortly. Apply, with full particulars, to 196/23, Office of this aper.

REALLY smart, energetic Senior or Branch Manager shortly disengaged; age 32; qualified; single; good Salesman, Photoapher, Window-dresser; outdoors; position in good-class busiss with good salary and prospects only entertained; Lancashire near preferred, but not essential. 196/4, Office of this Paper.

UNQUALIFIED; Counter, Dispensing; experienced; good references; permanency preferred; 34; single; London. "N.H.I." (195/2), Office of this Paper.

UNQUALIFIED Assistant; highest Dispensing references; accustomed to first-class Retail. Please state salary offered. 193/19, Office of this Paper.

UNQUALIFIED; 34; capable Disponser, Counterman, Photography. "G." (196/28), Office of this Paper.

UNQUALIFIED; permanency desired; married, no family; Dispensing and good General experience; strictly temperate and reliable. "H.," 281 Forest Road, Walthamstow.

UNQUALIFIED; evening work wanted; Dispensing or Surgery Attendant. "A.," 24 College Street, Chelsea.

WANTED, post, Doctor or Institution, by an experienced lady Dispenser; highly recommended. 192/10, Office of this Paper.

ASSISTANT; age 25; height 5 ft. 9 in.; London experience, Wholesale and Retail. 195/1, Office of this Paper.

ADVERTISER, with wide experience in Company formation, will undertake floatation of Private Limited Companies on most favourable terms. Write for particulars to "Bi-Co." (187/26), Office of this Paper.

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ANALYTICAL Student, age 18, passed Pharmaceutical Preliminary, with some knowledge of Analysis, seeks position in London Laboratory, where he may one day hold responsible position; remuneration required. 194/39, Office of this Paper.

CHEMIST requires position as Traveller; progressive house. "W. D. S.," 59 Chancery Lane, W.C.

CLERK, Invoice, Cashier, or General Bookkeeping; 9 years' experience; abstainer; reputable credentials. 193/15, Office of this Paper.

ENERGETIC young man (25), capable, experienced, seeks position, with fair remuneration and prospects, in Office of London house. 198/8, Office of this Paper.

FRENCH Chemist, 24 years old, who has specialised as Food Analyst and Bacteriologist, wishes to spend three months in England in order to learn the language; desires to be employed in the Factory of a Preserve or Chemical Manufacturer or in a large Chemist's or Druggist's Stores; au pair, or would pay a small fee. Address, "F. S.," c/o Davies & Co., Advertising Agents, Finch Lane, Cornhill, E.C.

TRAVELLER open to Represent good house; Speciality experience; also good General experience. 197/12, Office of this Paper.

TRAVELLER, experienced, desires to Represent good house; Drugs or Sundries; sound connection. 196/5, Office of this Paper.

TRAVELLER, experienced, commercial training, smart salesman, open to Represent first-class house; Essences, Oils, etc.; sound connection Mineral-water makers, Confectioners, etc. Apply, 179/18, Office of this Paper.

WELL-EDUCATED Pharmacist (25), having had high-class Dispensing experience and possessing knowledge of Therapeutics, desires position of responsibility with Wholesale house. "Exactus" (196/70), Office of this Paper.

SITUATIONS WANTED.

(Colonial, Indian and Foreign.)

1s. for **12** words or less; **6d.** for every **10** words beyond, prepaid. The **Advertiser** may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of **6d.**

This heading is reserved for assistants seeking situations in the British Colonies, India, and Dependencies or elsewhere abroad.

ADVERTISER, Englishman, 29 years, speaking French, Spanish, and German, with office in Paris, telephone, typewriter, etc., and having 7 years' Continental experience, with connection amongst Chemists and Perfumers, would accept Representation of good house for France or whole of Continent; can furnish highest references and if necessary a substantial guarantee. 192/11, Office of this Paper.

QUALIFIED; 24; smart, active; experienced Dispenser and Retailer; speaking Italian, French; disengaged September 15. "Essence" (193/33), Office of this Paper.

QUALIFIED Chemist, 24, holding also Egyptian Licence, conversant in English, French, and Italian languages, some Arabic, experienced in English and Continental Pharmacy, general knowledge of Photography, seeks situation in Egypt; excellent references. Write, stating terms, to "Oeillet" (194/26), Office of this Paper.

MISCELLANEOUS.

McADAM & TUCKNISS, Sharedealers, Bank Chambers, Blackheath, S.E. Established 1898. Telephone 81 Lee Green.

Shares for Sale (free of commission, subject).—500 British Oxygen, 44*s.* 3*d.* (dividend and bonus last year 20 per cent.); 50 Lewis & Burrows 6 per cent. Preference, 13*s.* 3*d.* (full year's dividend due November); 10 Meggeson Preference, 92*s.* 6*d.*; 300 Thorn & Hoddle Acetylene 6½ per cent. Preference, 18*s.* 9*d.*; 200 A. J. White, 8*s.* 7½*d.*; 150 Bovril Ordinary, 21*s.* 3*d.*; 30 Deferred, 6*s.* 9*d.*; 50 Ilford Ordinary, 15*s.* 3*d.*; 100 St. Ivel 6 per cent. Preference, 17*s.* 4½*d.* c.d.

Wanted (subject).—120 Wright Layman Preference, 21*s.*

List of Shares for *Sale* and *Wanted* sent free on application.

Every effort made to effect business for Buyers and Sellers in all Stocks and Shares. Bankers, London County and Westminster.

WALTER WADE DECEASED.
Pursuant to Statute 22 and 23 Vic. cap. 35.

NOTICE TO CREDITORS.—All persons having claims against the estate of Walter Wade late of 55 High Street Sidcup Kent Pharmacist who died on 28th May 1914 and whose Will was proved in the Principal Probate Registry on 27th June 1914 by Elizabeth Eleanor Wade Widow and Arthur Thomas Girdler the executors are hereby required to send particulars of their claims to the undersigned on or before 11th September 1914 after which date the executors will distribute the Estate having regard only to the claims of which they shall then have had notice.

Dated 28th July 1914.

JOHN BARTLETT & SON,
26 and 27 Bush Lane, London, E.C.,
Executors' Solicitors.

TO "HALL" DISPENSERS.

Important and Urgent!!

Will every Dispenser holding a position in Poor-Law Infirmary, Hospital, Dispensary, or kindred public institution as Dispenser, by virtue of the possession of the Apothecaries' Hall Dispenser's Certificate, please communicate with the undersigned at once, stating how long he or she has occupied the position, and enclosing a stamped addressed envelope.

FRANCIS E. TRAYNER, Hon. Secretary
(Association of Certificated Dispensers, Apothecaries' Hall),
13 Carlton Road, Manor Park, Essex.

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CANADIAN NEWS.

(From the "C. & D." Correspondent.)

QUEBEC.—Mr. J. E. Trembie was at a meeting of the Council held at Montreal on July 8 elected President of the Pharmaceutical Association of Quebec, and Mr. H. J. Pilon was re-elected Secretary.

SASKATCHEWAN COLLEGE OF PHARMACY.—This College, founded in connection with the University of Saskatoon, began with twenty-two students, and of these twenty passed the qualifying examination which was held specially at the University. This examination was in addition to the regular one held at Regina in June, when twenty-nine candidates passed.

NEW BRUNSWICK.—The annual meeting was held at St. John on June 16, when the following officers were elected: President, Mr. H. J. Mowatt; Vice-President, Mr. H. H. Woodworth; Secretary, Mr. G. O. Spencer; Treasurer, Dr. E. O. Steeves; Registrar, Mr. E. R. W. Ingraham. The Registrar's report showed that there are 163 members, and the Treasurer reported a balance in hand of $1,228.92.

PRINCE EDWARD ISLAND.—At the annual meeting of the Pharmaceutical Association in June the meeting approved of the principle of interstate reciprocity of pharmaceutical diplomas. The following officers were elected: President, Mr. J. E. Dalton, Summerside; Vice-President, Mr. J. C. Ferguson, Souris; Secretary-Registrar, Mr. A. E. Foster, Charlottetown; Treasurer Hon. G. E. Hughes, Charlottetown.

INTERSTATE RECIPROCITY.—According to the "Canadian Pharmaceutical Journal," the Ontario College has signed an agreement for unrestricted reciprocity between Ontario and Alberta. The agreement, which has still to receive the signature of the Pharmaceutical Association of Alberta, provides that each province will register licentiates of the other, but applicants must have served a full apprenticeship in the province from which they come, and have passed the qualifying examination in the same province. This is regarded as a beginning of complete interstate reciprocity.

NOVA SCOTIA.—At the annual meeting of the Nova Scotia Pharmaceutical Association held on June 22, Mr. E. M. McLeod was in the chair. The Registrar's report stated that the membership on the date of the meeting was 165, and the Treasurer's report showed a balance in hand of $1,541.71. These reports were adopted. A discussion on interstate reciprocity came on on June 23, but the proposals for unconditional reciprocity were rejected. The election of officers for the new session resulted as follows: President, Mr. A. J. Crease, Amherst; Vice-President, Mr. J. J. Turnbull; Treasurer, Mr. A. A. Thompson; Secretary-Registrar, Mr. G. A. Burbidge.

MOLYBDENITE DEPOSITS.—The "Hobart Mercury" states that a find of molybdenite has been made at North Heemskirk, where a syndicate has pegged out a section of eighty acres. The seam is from six to twelve inches in width. The mineral, which occurs also in other parts of Tasmania, is worth about 560*l*. a ton. From it is prepared molybdenum, used in hardening steel.

FIRE IN BRISBANE.—On the night of June 10 the premises of Messrs. McGuffie & Co., pharmaceutical chemists, were destroyed by fire, and also those of Messrs. Carl Zoeller & Co., dealers in surgical and other instruments, dressings, and sundries. Both these businesses are in the same building, and occupy a prominent position in Queen Street, the main thoroughfare of the city. A few months ago Mr. W. A. McGuffie, who is now in England, sold out his holding in the business to Mr. Sidney G. Cowell. Only a small portion of the stock and fixtures have been salved. The insurance on Messrs. McGuffie's stock and fixtures, amounting to 4,500*l*., has been settled in full, which shows the advantage of systematic bookkeeping. The account-books and prescription-books were saved. Messrs. McGuffie have secured temporary premises next door. Meanwhile Messrs. Watkins & Mackay are doing the dispensing for the firm.

Our American Letter.

(Special Correspondence to the "C. & D.")

Courtesy First.—The new Vice-President (Mr. Collin) of the Riker Drug-store is insisting on assistants saying "Thank you" and "Please" to customers. He has made quite a feature of courtesy in service, and also sends out "form" letters to the managers every week, together with a little bulletin, published monthly, called the "Riker Record." The two important features that the drug-clerks have to put first and foremost are sales and service. If a man is not a good salesman the company have no use for him.

Proprietary Medicines.—It is stated in the "New York Times" that Dr. S. S. Goldwater, of the Department of Health, has discovered a section of the Sanitary Code which gives power to prosecute makers of fraudulent proprietary medicines. It is a misdemeanour under this section "to make any false or deceptive representation as to the quality, purpose, or effect of any drug, medicine, decoction, drink, or other article intended to be taken as medicine." If suits instituted under this section are unsuccessful it is stated to be the intention of the Department to obtain a similar law to that recently enacted in the Philippine Islands, which requires the formula of the medicine to be placed on the package.

U.S.P. Revision.—The "Digest of Comments" on the United States Pharmacopœia and the National Formulary for the year ended December 31, 1912, has just been issued from the Government Printing-office at Washington. The bulletin is the work of Mr. M. G. Motter and Mr. M. I. Wilbert, and, like the volumes that have preceded it, is an excellent *résumé* of the various suggestions that were made during 1912 for improving pharmacopœial processes. It reflects also the advance of knowledge in materia medica, and so provides material for the revision of official monographs. Abstracts are made from practically all the journals and reports dealing with pharmacy and medicine in English and other languages. The "Digest" consists of 489 pages, two-thirds of the work being classified comments on official articles. These are quite brief, in many cases being merely a reference to the paper in which the subject was discussed. Other portions of the bulletin deal with the legal status and development and scope of Pharmacopœias, non-pharmacopœial standards (contains much information on biological products), analytical data, vegetable drugs, and pharmaceutical preparations.

WILLS PROVEN.

Mr. Frank Hart, 130 and 132 Newport Street, Bolton, pharmaceutical chemist, who died on May 27, left estate of the gross value of 3,705*l.* 11*s.* 6*d.*, of which 3,076*l.* 13*s.* 11*d.* is net personalty.

Mr. Charles Alfred Bolton, Manor House, Castle Gate, Nottingham, chemist and druggist, who died on June 8, left estate of the gross value of 1,857*l.* 1*s.* 7*d.*, of which 1,374*l.* 9*s.* 2*d.* is net personalty.

Mr. Alfred Ream, J.P., Purfleet House, King's Lynn, formerly in business as a chemist and druggist, who died on April 24, aged eighty-two, left estate valued at 19,728*l.* 11*s.* 9*d.* gross, with net personalty 18,792*l.* 11*s.*

Mr. Julius Charles Prince, 8 York House, Church Street, Kensington, London, W., and of 4 Stratford Place, Oxford Street, W., vice-chairman and managing director of Apollinaris & Johannis, Ltd., who died on June 22, left estate of the gross value of 39,436*l.* 4*s.* 8*d.*, of which the net personalty has been sworn at 38,998*l.* 1*s.* 9*d.*

Sir Joseph Wilson Swan, F.R.S., M.A., D.Sc., Overhill, Homefield Road, Warlingham, who died on May 27, left estate valued at 60,097*l.* 13*s.* 5*d.* gross, with net personalty 58,344*l.* 2*s.* 7*d.* Probate of his will has been granted to his son, Mr. K. R. Swan, barrister-at-law, of the same address, and Mr. Samuel White, Oxton, Birkenhead. The testator left his electric and laboratory apparatus and appliances to be presented to any person or institution or corporation as his executors might select; 100*l.* to the Royal Society, with the request, but without creating any trust in the matter, that it might be used for defraying the cost of scientific publication; and bequests to his servants. He left 300*l.* and his residence, "Overhill," to his wife; 50*l.* to Mr. Samuel White, as executor; a conditional annuity of 150*l.* to his niece, Edith Atkinson; and he stated that his son Joseph Henry Swan was already provided for. The residue of his property he left as to one-half upon trust for his wife for life, and, subject thereto, the whole for division into fifty-nine parts, of which he left thirteen parts upon trust for his son Cameron, eleven parts upon trust for each of his daughters, Mary Edmonds Swan and Hilda Sharpe and eight parts upon trust for each of his children, Frances Isabel Morcom, Percivale Swan, and Kenneth Raydon Swan.

Fairchild Scholarship and Prizes

The tenth examination for the Fairchild Scholarship and Prizes was held at the following five centres on June 24: Cardiff (Mr. Albert Hagon, Superintendent), Belfast (Mr. James Guiler, Superintendent), Edinburgh (Mr. Peter Boa, Superintendent), Manchester (Mr. James Grier, M.Sc., Superintendent), and London (Mr. S. L. Scott, Superintendent). The candidates were more numerous, and the percentage of those who attended the examination was higher than in any former year. Sixty-seven complied with all the conditions of entry this year, and sixty-four of them sat for the examination—forty-five in England, six in Ireland, ten in Scotland, and three in Wales.

The papers written by the candidates were assessed by Mr. Peter Boa, Ph.C. (Practical Pharmacy and Prescription-reading), Mr. A. J. Phillips, Ph.C. (Materia Medica), Mr. Wm. Kirkby, M.Sc. (Chemistry), and Mr. W. F. Wells, Ph.C. (Business Knowledge), the results being as follows:

Mr. Fred Jotcham, Bath, wins the Scholarship with 439 marks out of a possible 500.

Mr. George William Cheater, Shaftesbury, Dorset, the runner-up, wins the England Prize—5*l.*

Mr. Raymond Victor Gurd, Mill Hill, London, N.W., wins the Ireland Prize—5*l.*

Mr. Robert Milne, Edinburgh, wins the Scotland Prize—5*l.*

Mr. Hugh Ivor Jenkins, Cardiff, wins the Wales Prize—5*l.*

In the individual subjects the candidates representing England, Ireland, Scotland, and Wales made the following percentages:

	Prac. Phar.	Chem.	Mat. Med.	Bns. Know.	Total Average.
England	58	57	54	53	55.5
Ireland	52.5	52	44	44.5	48.25
Scotland	59.5	55	69.5	63	61.75
Wales	27	29	35	67	39.5

Mr. Fred Jotcham, Bath, was educated at Katherine Lady Berkeley's Grammar School, Wotton-under-Edge, and subsequently apprenticed to Mr. R. W. Brownlow, Melton Mowbray, from which town he registered as a student of pharmacy. Leaving Melton Mowbray, he joined the staff of Messrs. Steele & Marsh, Bath, and is still with them. He has attended a weekly evening class at the Bath and West of England College of Pharmacy, in addition to taking a correspondence course of the College. The answering of questions and study of notes given in this course was, he considers, of great value in preparing for the Scholarship.

Mr. F. Jotcham.

Mr. George William Cheater, Shaftesbury, Dorset, registered as a student of pharmacy at Shaftesbury, and was apprenticed to, and is still with, Mr. Fred Richards, chemist and druggist, there.

Mr. Raymond Victor Gurd, Mill Hill, London, N.W., was registered as a student of pharmacy at Stradbally, Queen's County, and apprenticed to the late Mr. George Diamond, Ph.C., Maryborough, Queen's County. He then entered the employ of Mr. H. I. Gorman, Ph.C., F.C.S., Waterford; then went to Mr. F. W. Moore, chemist and druggist, Kentish Town, London, N.W. Mr. Gurd is now in the employ of Mr. S. P. Sayers, chemist and druggist, Hendon, London, N.W.

Mr. Robert Milne, Edinburgh, is registered as a student of pharmacy at Edinburgh, was apprenticed to Mr. James Walker, chemist and druggist, Ellon, Aberdeenshire, and is now with Mr. J. L. Reid, chemist, 25 Elm Row, Edinburgh.

Mr. Hugh Ivor Jenkins, Cardiff, is registered as a student of pharmacy at Cardiff, and was apprenticed to Mr. G. D. Loveluck, Port Talbot; he then entered the employ of Mr. J. Gower, Llanelly, later going with Mr. J. M. T. Purvis (Anthony & Co.), Cardiff, with whom he still is.

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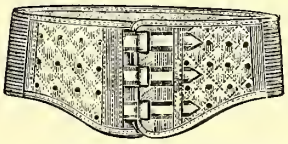

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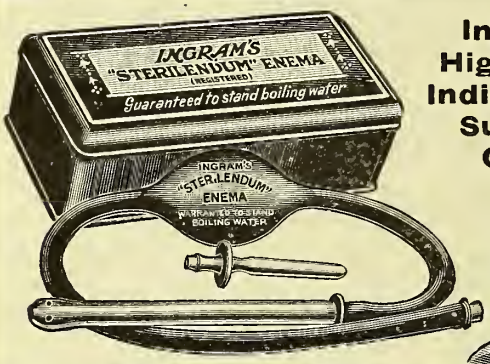

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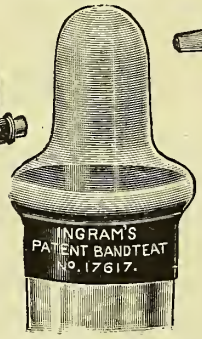

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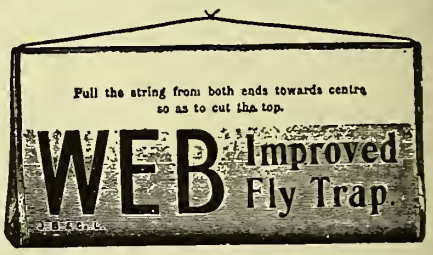

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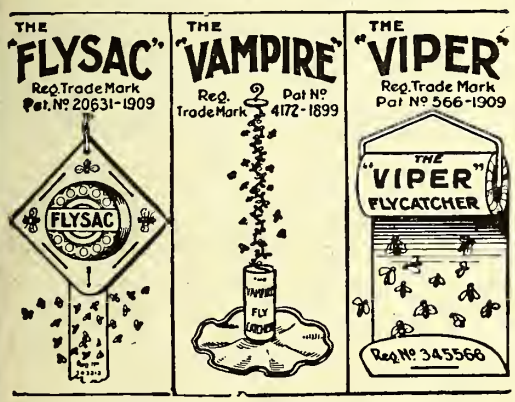

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All wholesale houses supply it.
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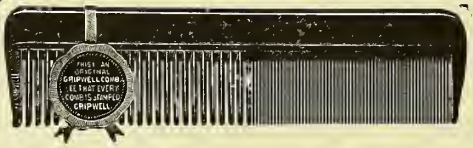

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One solution, nine shades.

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2/6	2/3	15/-	
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Buyers of 3 doz. bottles receive 3 bottles gratis (may be assorted and any size).
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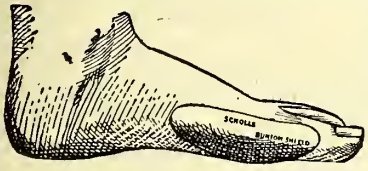

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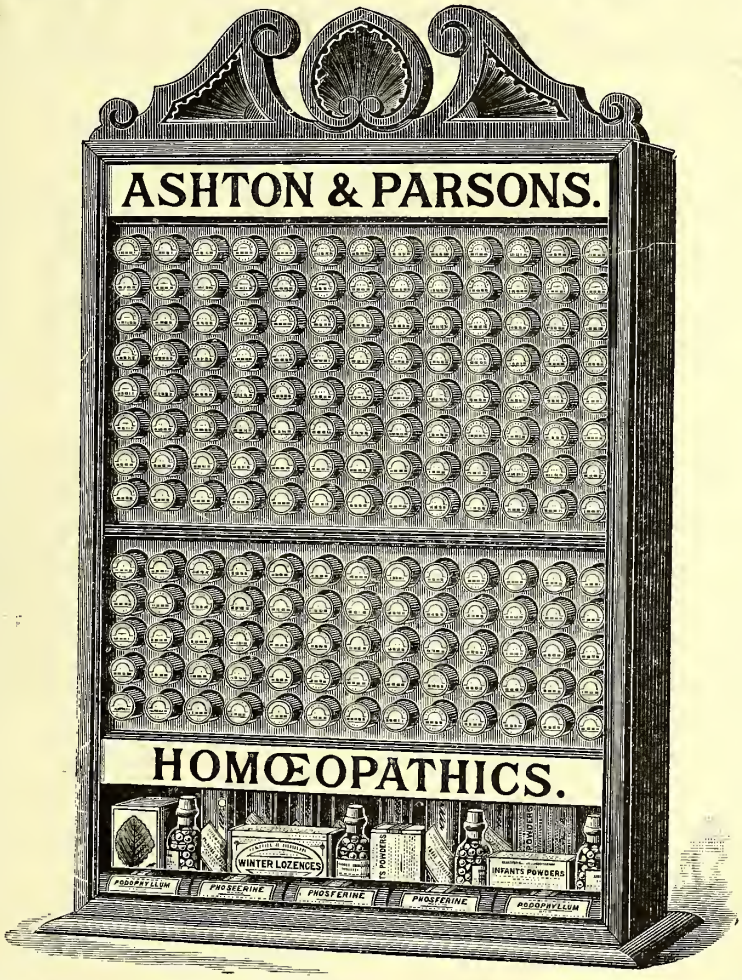

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